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DOCUMENT PROCESSING SHEET

USAFETAL / DS - 80/014

McCLELLAN AFB

# DATA PROCESSING BRANCH **USAFETAC** Air Weather Service (MAC)

AD-A082 406

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

MCCLELLAN AFB CALIF/SACRAMENTO N 38 40 W 121 24 ELEV 76 FT KMCC WBAN# 23208 WMO# - - -

POR FROM HOURLY OBS: NOV 39-DEC 72 POR FROM DAILY CBS: NOV 39-DEC 72

JUL 22 1975

FEDERAL BUILDING ASHEVILLE, N. C.

# Best Available Copy

THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".O", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

# REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

#### HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

#### DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Jummary of the Tay observations. (dejected from record-special, local, summary of the day, remarks, etc.)

#### **DESCRIPTION OF SUMMARIES**

Preceding each section is a brief description of the data comprising each part of the hexised uniform Jurnary of Juriace Meather observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the c. J. Cervices and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
SNOWFALL

0.10

SNOW DEPTH
PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV .

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

#### STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-nour periods corresponding to the following sets of nour\_, coservations. 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

#### MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JAHUAPY	APRIL	JULY	OCTOBER
PEERUARY	MAY	AUGUST	NOVEMBER:
MARCE	JUNE	SEPTEMBER	DECENBER

1

ATION N	O ON SUMMARY	STATION NAME			LATIT	UDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO HUMBER
23	3208	MCCLELLAN AF				88_40_	W 121 40		KMCC	
		STATION	LOCAT	ION A	ND II	VSTR	JMENT	ATION H	ISTORY	
MBER OF CATION		SECGRAPHICAL LOCATION	1 NAME	TTPE OF STATION	AT THIS	LOCATION	LATITUDE	LONGITUDE	ELEVATION APPLY	E MSL OBS FET PER BANOMETER DAT
1	McClell	an Fld Calif.		AAF	hov 39	May 40	N 38 39	W 121 23	78	81 19
2	Same	•		Same	Jun 40	Aug 44	Same	Same		Same 24
3	Same			Same	Sep 44	May 48	N 39 40	W 121 24	1	Same 24
4		an AFB Calif.		AFB	Jun 48	Feb 53	Same	Same	Same :	Same 24
5	Same	•		1 1	Mar 53	Feb 69	Same	Same	72	82 24
6	Same	•		Same	Mar 69	Dec 72	Same	Same	86	Same 24
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MBER	DATE		SURFACE W	IND EQUIPMENT	MEGRMATION		<u> </u>			
OF ATION	OF CHANGE		LOCATION		TYPE OF TRANSMITT	TTPE OF ER RECORDER		REMARKS. ADDITION	AL EQUIPMENT, OR R	EASON FOR CHANCE
1	Jun 40to	Located on (	Operations B	ldg.	Anemome					
2	Dec 41 Jan 42to			<u> </u>						
-	May 48	Same			Selsy	m   ML-1	44 Same			
3	Jun 48to	Located on t	the Hangar.		Same	Same	120 Ft			
	Feb 53									
4	Mar 53to	Same			- Same	Same	Same			
J	Feb 55	_								
5	Mar 55to	Located righ	nt side of Ru	nwy 34,1.1	_kn/gmq-	-11 RO-2	15 Ft			:
, 1	Feb 61	miles N of B	ldg 51.			_				
6		Located 100	It E of cent	ter of N-S	Same	Same	13 Ft			
l	Feb 62	Rnwy.							•	
		<u> </u>					1 - 1	•		

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ASSAAL	CATE	SURFACE WIND EQUIPMENT INF	ORMATICA			
ACCATION	CATE OF CHANGE	LOCATION	TIPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOYE CROUND	REMARKS, ADDITIONAL ECUIPMENT OR REASON FOR CHANGE
7	Mar 62to Feb 69	Located 850 ft W of centerline of Rnwy 16/34,5500 ft from end of knwy 16.	Same	Sаще	Same	
8	Mar 69to Sep 70		Same	RO-362	Same	
9	Cet 70to Lec 72	Same	AN/GMQ-20	Same	Same	<b>1</b> .
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U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### PART A

#### WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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## **WEATHER CONDITIONS**

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GCCLTLLA F CALIF/SACRATION 35-72

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STATION NAME

FIRESTANDS FREQUENCY OF LICENSESSES OF WELLING CONSTITUTES FROM STATEMENT LASSESSES FOR THE CONSTRUCTIONS.

нтиом	HOURS (LST)	THUNDER-	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	3 OF GBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	SHOWING SNOW	DUST A' 'S S~+D	S OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
45	itt		12.3	••	•		12.2	29.7	13.7		. ,	30.5	, 36 '0
íξ		-	£7.5		• •		1 1.5	13.5	• `			21.	217=7
.∗۵۰		• • •	7.3		• 1	• ?	7.3	3,3	3,3			4.7	24024
q,		. 1	5.4				5.4	1.3	2.3			3.2	23135
± <b>A</b> r		. 3	2.5				2.6	• 4	٠,		•0	1.3	_3999
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30.		.6	•2				• 2	• !	• ċ			. 2	24150
20.		.0	•3				.3		1.1			1.1	24 <b>2</b> 38
aEr.	_	.1	•?				.7	.5	4.r		,1	4.5	43455
۲۵ږ		.1	2.9				2.9	3.0	9.7		.1	12.2	24231
-48.√		.0	7.5			•0	7.6	15.1	17.6		.0	30.6	23659
DEC		,0	13.0	•0	•0		13.0	32.2	16.2		.0	45.8	24496
TOTALS		•1	5.4	•0	.0	•0	5.4	8.3	6.7		•0	14.0	283916

## **WEATHER CONDITIONS**

4 A 4

MONTH

737 STATION STATION NAME

737 STATION NAME

PERCENTAGE FREQUENCY OF OFFIRENCE OF WEATHER CONCITANS FROM MUCH! PURSERVATIONS

нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & 'OR DRIZZLE	SNOW AND/OR SLEET	HAIL	3 OF OBS WITH , PPECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	NOF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JA.	0-0¢	.0	12.3			_	12.3	32.1	1			39.2	2455
	03 <b>-</b> 05	.0	14.8		٠		14.8	34.4	<b>≈.</b> 3			32,7;	2926
	ეი-0 <sup>-,</sup>	.1	15.4		.0		15.4	41.5	11			47.9	3022
	09-11		13.4	.1	• 1		13.6	35.4	[4.2			47.7	3:147
	12-1 -		11.9		•c		11.9	21.0	10.1			39.7	3040
	15-17	. 1	11.6				11.6	17.9	20.0		•0	35.3	30lo
	15-2^	.0	11.3				11.3	20.4	15.1			32.9	2921
	21-23		11.6		_		11.6	25.6	12.0			34.2	2859
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	_												
TOTALS		.0	12.8	.0	•0		12.8	28.7	13.7		•0	39.5	23696

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## **WEATHER CONDITIONS**

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23728 MUCLELLA AFR CALIFYSACRAMENTO STATION NAME

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CONCITIONS FROM MOTHER OF VALUE OF A PROTOCOLORS

нтиом	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & . OR DRIZZLE		HAIL	S OF OBS WITH FRECE	FOG	SMOKE AND OR HAZE	ROWING SNOW	DUST AND OR SAND	NOF OSS WITH OBST TO VISION	TOTAL NO OF OBS.
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	מ-נכ		11.0	# 10101 - Market			11.7	19.7	٠,-	-		۷3.0	35°€
	00-0-		12.3				12.3	26.1		- YE		37.^	2754
	09-11		10.7		.0		13.7	1°.~	14.3	:		20.8	2143
	12-1-	.1	10.0				10.0	٥,١	17.4	th divine regime		20.7	2741
	15-17	.1	9.7				9.7	5.6	14.2	III III III III III III III III III II		19.0	27-5
	18-Ž^	+1	۶.7				€.7	6.3	9.3			14.5	2087
	21-23	•1	9,3				9.3	9.6	7.4			15.3	2074
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	<u> </u>					· · · ·			·				
TOTALS	<u> </u>	•1	10.5		.0		10.5	13.0	9.8			21.5	21787

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## **WEATHER CONDITIONS**

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STATION NAME YEA

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MONTH	HOURS (LST)	THUNDER- STORMS	RAIN	FREEZING RAIN S. OR ORIZZLE	SNOW	HAE	% OF OSS WITH FRECE	FOG	\$#0EF AND 08 HAZE	NOWNG SNOW	245 24 242 242	NOF OSS WITH OSSI TO KNOW	1074; VC OF 240 240
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	0-د:		7.7				7.7	4.	1			٠.٠	215.
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	37-11		7,5	000000000000000000000000000000000000000		• າ	7.0	4.	9			17.5	3,55
	12-1-	.1	7.7		- 1	.3	7.7	1.7	4.9			٨	3554
	1>-1'	• 2	5,4	10 100	3 5		z.4	1.:	3.3			4.4	3024
	15-2	. 1	7.4	Hitosaan Kood	1		7.4	•=;	3.0			>.7	Z953
	21-22		7.6	Hinding and a second	and the state of t		7.5	, a	.7	: X		1.5	7962
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							1			1			-
TOTALS		-1	7.8	***	.0	.0	7.8	3.3	3.3			5.2	24024

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## **WEATHER CONDITIONS**

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STATION

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STATION NAVI

YEARS

MONTH

\*\* RCENTAGE FREQUENCY ON COUNTRINGS OF AFAITHOR COMPUTED INS FROM HUMBLY UNSERVATIONS

нтиом	HOURS (LS.T)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	S OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
4P	('0-0.		5.0				5,7	• -	, 3		1.	2804
	2.4-05		5.7				>.7	2.	1.1		3.5	2045
	05-0		5.3				5,2	4.4	1.6		3.6	2972
	02-11	•0	5.4				5.4	1.4	4.0		 5.2	2953
	12-14	.1	5.5				5.5	. 3	2.3		2.5	2944
	15-17	• 2	5.8				5.8	. 3	1.3		1.4	2919
	13-2	.1	5.2				5.2	• 5	.9		1.4	2861
	21-23		5.1				5.1	. 3	. 4		 .7	2865
TOTALS		.1	5.4				5.4	1.3	2.0		3.2	23198

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## **WEATHER CONDITIONS**

2324 MUCLILLA AF - CALIF/SACRAMENT

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STATION

STATION NAME

PERCENTAGE ENERGENCY OF SECURRENCE OF SERVICES CONCUTANCE FROM HOMEN Y SOURCE VARIOUS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREFZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	TO VISION	TOTAL NO OF OBS
IA.	00-0:	. 1	3.0				3.0	• 7	. !			. 3	2956
	33-0-	<b>،</b> ق	2.7				2.7	1.1	• "			1.3	2958
	06-0.		2.4				2.4	1.3	3.9		.0	4.1	3023
	09-11		2.3				2.3	. 3	1.6			1.0	3051
	12-1,	•6	2.4				2.4	. 1	1.0			1.0	3050
	15-17	. 3	2.3				7.8	.3	. 2			• 5	3024
	10-20	. 2	3.2				3.2	• ?	. 2			.4	2959
	21-23	.1	2.2				2.2		.1			. 1	2960
					<u>-</u>								***
TOTALS		•1	2.6				2.6	.4	•9		.0	1.3	23999

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## **WEATHER CONDITIONS**

737.2 MCCLELLA AT CALIF/SACRA-FIST) 47-72

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MONTH

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нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH FRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	* OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JU .	20-0-	.1	1.0				1.0		.1			.1	2513
	03-0%	.1	• R				, 3	. 4	•5			£5.	7871
	ენ-0 -	٠٥.	1.6				1.0	٠٩	1.9		٠,٠	2.5	2397
	09-11		1.1				1.1	•?	1.1			1.3	2490
	12-14		•9				.9		.6		•0	. A	2902
	1>-17	٥,	1.1				1.1		.4			.4	2907
	10-2.	.1	• 5				• 6		.1			.1	2873
	21-23	.1	.7				.7						2814
		_										And the same of th	
TOTALS		.1	•9			, <del>-</del>	.9	. 1	.6		.0	.7	22975

## **WEATHER CONDITIONS**

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STATION

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STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF GOOTHRENCE OF APATHER CONSTITUTES FROM MODELY DISERVATIONS

нтиом	HOURS (LS.T)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND, OR SLEET	HAIL	% OF OES WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING	DUST AND, OR SAND	A OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
يالو	03-0	٠,	.1				.1		• 2			. 7	54-5
	-0-در	•0	•1				.1	• 1	.6			. 3	3019
	06-0.	.0	•2				.2	.2	1.9			ار•د	3045
	09-11	•e	• 2				•2		1.7			1.7	3039
	12-14	•1	.3				.3		• 9			٠.	3054
	15-17	.0	•1				.1	•0	. 4			.4	3045
	18-27		.1				.1	.5	.4			.4	3025
	21-23	.1	.2				• 2		.1			.1	2965
- 41					_								
TOTALS		.0	,2				•2	•1	.8			.8	24155

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## **WEATHER CONDITIONS**

23235

MCCLELLA AFT CALIFYSACRAMENTE

STATION

STATION NAME

MONTH

FIRCENTAGE FREQUENCY OF LICURRENCE F REATHER CONGITIONS FROM MOUNCY DESERVATIONS

нтиом	HOURS (L.S T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	* OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
ΛÜ-	no-o .	۰,	•?				.7						2971
	03 <b>-</b> 05		• 3				.3	• 7	• 4			.7	3032
	00-0	-1	•3				.3	. 4	7.4			3.1	3045
	09-11		•2				.2	• ^	2,3			2.3	3.557
	12-14		•2				• 2		1.7			1.7	3057
	15-17		.3				.3		.7			.7	3050
	18-2"	.0	•3				.3		. 5			.5	3035
	21~23		.3				.3	.1				.1	2970
													<del>-</del>
TOTALS		.0	.3		,		.3	.1	1.1			1.1	24235

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## **WEATHER CONDITIONS**

23715 MICHELLA ME CALIFYSACKA SEFTL

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STATION

STATION NAME

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MONTH

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нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	SOF OSS WITH OBST TO VISION	TOTAL FO CH SBO
ć.	าง-0	۰,0	, 4	111111111111111111111111111111111111111			. 5,		• 5			3	2.47-,
	ء 0-د ٥	.1	• 2				• 4	• '	1.3			2.1	2336
	(10-0	.1	1.1				1.1	2.1	6.0		.1	17.7	2952
	09-11		1.0				1.0	۰,	1		.3	٤.٦	2952
	12-14	• 2	6.				• c	. 1	5.5		. 3	٤.0	2952
	15-17	• 2	.5				. 5	• ^	3,4		.1	3.6	295v
	13-2-	• 2	• 5				.5		2.9		.0	2.9	2934
	21-23	•1	.4				.4	.1	1.2			1.3	2674
												1	
TOTALS		.1	•7		· · · · · · · · · · · · · · · · · · ·		.7	,5	4.0		.1	4.5	23455

USAFETAC ALT 64 0-10-5 (OL-1), HEYOUS EDITIONS OF THIS FORM ARE C SOLETE

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MATA PERCENTION FROM THE USE STAC ALL SERVICE / SERVICE / SAC

## **WEATHER CONDITIONS**

237 30 MUCLELLA NET CALIFYSAGRANEST. STATION NAME

(T HINOM

STATION

FERGE TAGE FAIR HENCY OF GEORGENCE OF REATHER CONCINCIONS FROM HOUSELY DISERVATIONS

нгиом	HOURS (L.S.T.)	THUNDIR- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND-OR HAZE	BLOWING SNOW	AND/UK	S OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
•C *	ეა <b>–</b> ე∵	•	<b>'</b> •8				2.2	3.4	4.5			7.2	2173
	n 3-0-	.1	3.2				3.2	5.°	4 • ∪			7.5	3076
	Do-07	• • •	2.9				2.9	10.4	14.3		• ^	23.5	3055
	39-11	The state of the s	2.7				2.7	4.4	15.2		.5	27.1	305 l
	12-14		3.2				3.2	1.5	12.4		, 1	13.4	3054
	15-17	.0	3.1				3.1	1.^	7.9		.1	Ir.e	305/
	15-2	-1	2.6				2.6	۰,	€.5			9.2	3u24
	21-23	•1	2.9				2.9	2.2	6.7		•0	8.3	2971
<u> </u>													
TOTALS		.1	2.9				2.9	3.8	9.7		.1	12.5	24231

MTa F. CESSIC A CH THE PROPERTY OF A STATE AND A CAR

## **WEATHER CONDITIONS**

MCCLELLA OF CALIFYSACRASS IT STATION

STATION NAME

\*\*\* ROENTAUF FRENTENCY OF LOCHRENO DE AFLITHER CLANITIENS FRUIT FUNKLY LISSEN ANTENS

нтиом	HOURS (L.S T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	AND/ OR	* OF OBS WITH CBST TO VISION	TOTAL NO OF OBS
<u>;</u> ٦,	ານ−0	.1	7.9				7,9	15.7	11.3			25.3	2375
	13-0-		5.3				1,3	20.0	۶. 5			23.2	2932
	^5-0·	٠.	a.7				5.7	7،0د	15.8			49.3	3u0z
	09-i1		7,9				7.9	Ĭď.,	25.3	The state of the s	.1	40.0	3027
	12-14	.1	7.1				7.1	9.1	22.5			30.0	3027
	15-17	.1	7.6			.0	7.6	7.,	22.4		.0	28.4	2992
	13-2		6.9				6.9	7.4	13.5			25.1	2934
	21-23		6,7				5.7	10.5	14.8			24.2	7572
TOTALS		.0	7.6			•0	7.6	15.1	17.6		.0	30.6	23659

CATH P. CLSH C. H. C. Harristan AI- Written Servic / Ac

## **WEATHER CONDITIONS**

Walder.

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37-72

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STATION

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STATION NAME

MONTH

PARTHER PROPERTY OF CONTRACT OF WEATHER CONTINUES AND THE PARTHER CANDITIONS AND THE CONTRACT OF THE CONTINUES AND THE CONTRACTOR OF THE C

нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	X OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND-OR SAND	S OF OSS WITH OSST TO VISION ,	TOTAL NO OF OBS
) <u> </u>	ào-a.		:2.7		-		12.7	34.5	11.7			47.	2704
	03-05	•ი	14.9		• 7		14.9	38.	٠,			44.5	3005
	ია-0		17.0	. 1	4		17.1	45.2	17.5		٥.	>3	3126
	09-11		14.0		7111112222471 H		14.0	39.7	21.3		,1	55.7	3154
	12-14	.0	11.9				11.9	25.0	22.4			46.0	3155
	15-17	۰.	10.6		۰۰		16.7	22.0	27.7			43.1	31 35
	18-2		11.3		.0		11.3	23.5	12.3			39.2	<b>3</b> 015
	21-23		11.2		1		11.2	29.4	14.5	7	.1	41.7	2953
											-		
TOTALS		•0	13.0	.0	.0		13.0	32.2	15.2		.0	45.8	24496

## PART A

#### ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "\$ OF OBS WITH PRECIP" and \$ OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949.

  Therefore, percentages in this column are restricted to the period Jan 1949 and later.
  - (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
  - (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

23208

MCCLELLAN AFB CALIF/SACRAMENTS

46-72

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STATION

STATION NAME

YEARS

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# PERCENTAGE OF DAYS FITH VARIOUS ATMOSPHERIC PHENIMENA FROM DAILY OBSERVATIONS

нтиом	HOURS (LST)	THUNDER- STORMS	AND, OR	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	3 OF OBS WITH PRECIP	FOG	SMOKE AND, OR HAZE	BOWING	DUST AND CR SAND	TO VISION	TOTAL NO OF OBS
JAH	DAILY	. 5	49.6	•2	.4	• 5	45.4	61.1	47.4			9.5	937
FEB	***************************************	1.2	39.2	No.	. 1	.8	37.5	42.0	39.3			53.7	753
MAR		1.7	33.6	7	. 1	1.0	33.5	17.3	17.0			25.4	₹37
APR		2.7	23.3		.1	1.5	27.2	8.0	8.3			13.6	310
YAM		1.8	15.6			.4	15.2	3.5	5.3			6.9	837
JUN		• 9	7.9				7.5	1.0	4.1			4.7	810
JUL		•6	2.7				2.4	•6	6.1			6.4	934
AUG		•4	3,9	-		-	3.5	1.1	6.6			7.0	837
SEP		1.5	7.6			•1	7.0	3.7	19.5		,1	21.4	810
OCT	1	.4	14.7				14.3	17.7	34.2			41.1	837
NOV		1.5	33.8			•1	31.7	47.3	53.6			67.4	910
DEC	<del>                                     </del>	.6	46.8	•2	•7	.4	44.7	64.9	51.3		.1	79.6	837
TOTALS	-	1.1	23.2	.0	•1	.4	22.2	22.4	24.4		•0	32.7	9859

U S ATR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### PART B

#### PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summery consists of eight summaries derived from daily observations as follows:

- 1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPTATION, SHOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the chow depth summary because of their desibtful and limited value.) A total count of valid observations is given for months and amount. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- 2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEFTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (\*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME	DATLY	PRECIPITATION	".00"	equals	none	for	the	month	(hundredths)
EXTREME	DAILY	SNOWFALL	".0"	equals	none	for	the	month	(tenths)
EXTREME	DAILY	SNOW DEPTH	"0"	equals	none	for	the	month	(whole inches)

3. The third set of two tables provides the total monthly amounts of FRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (\*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An acterisk (\*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.

(2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.

(3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

#### Air Force Stations:

CONTRACTOR OF THE PROPERTY OF

#### U. S. Navy and National Weather Service (USWB)

Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 47	at 1230GMT	Jul 52-May 57	at 12300MT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200CMT

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## **DAILY AMOUNTS**

PERCENTAGE FREQUENCY OF

STATION STATION NAME TEARS

						AMI	וין גדאטס	VCH:ES)						.PERCENT	TOTAL	MON	THLY AMO	
PHC#	NONE	FACE	¢	02-05	56-15	л. 24	26-50	5.∞	105-230	25:500	30°00	zznx	Over 20 00	OF DAYS	NO		ENCHES)	
SHOWFALL	NONE	TRACE	02-04	0.544	1.5-24	25-34	3 5 4 4	4564	6.5-10.4	IC 5-15 4	15 5-25 4	25.5-50.4	OVE ***	MEASUR. ABLE	OF OBS	MEAN	SHARS	ilas:
SHOW. DEPTH	NOM	TRACE	1	2	3	4.6	7.12	13 24	25-30	37.41	47.60	67 13D	Co. 150	AMTS				
MAL	5 .1			5 · ·	4	5.7	4.5	3	+ + 2	• 3				: •	` <u>.</u> .	• • • •	1	•
FEB	* 3.7	:	٤٠:	= • *-	3,6	2.5	2.5	٦.	£ • 7		•:			, ÷.:		1.1	1	• •
MAR	:4.3	*.7	1.4	* 5	~.5	5.2	4,4		. 5					€ • €	17.		÷••÷	• 1
APE	7+.7	7.2	1,=		1.5	3.0	٠.٠	⊅•°.	-5	• 1				15.2	ο.	1.4		• = -
MAY	4. 4	5.0	1.5	2.2	2	3.1	د. ‡	==	ند •					1 7	. ^	. ``i		
אטנ	ν.,	5.1	• • •	. 4	• <del>4</del> 1	1.2	. 4	4				? 6			73*	• 1.		
JUL	3 5	1.7	٠ ٤	إ2 •	• i			The state of the s							10_7	. Ju	, <sub>2</sub> ,	• 30
AUG	=1, <u>_</u>	2.1	•=	D MISSING	• Î	. 2	. 3					i		• • •	1542	. ^5	. 44	- 4
SEP	23.2	3.8	• •	•7	.3	• 3	٠.	• 3	- 1				-	1.1.	وع		`د.٤ ;	. 30
ост	:3.4	c.1	1.1	2.1	1.5	2.1	2.5	1.2	. 4	.1				1 - 1 - 5	1051			.00
NOV	56.2	9.2	1.8	4.7	1.8	4.2	٥.:	3.4	i.c				-	22.6	1312	2.35	7.58	44*
DEC	53.4	10.9	2.7	4.4	2.5	5.9	¢.5	5.5	1.9	.2				10.	1054	3.41	15.7a	.42
ANNUAL	75.7	7.9	1.4	2,5	1.7	3.3	3.1	2.4	1.0	.1	.ō	X		15,4	12105	8.92	X	X

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DATA PTICESSI 5 EKRYON USAF/ETAC/DE A AIR KENIMER SERVICE/ IAC

# EXTREME VALUES $(\mathcal{P}_1,\mathcal{P}_2,\mathcal{P}_3,\mathcal{P}_4,\mathcal{P}_4,\mathcal{P}_4)$

(FROM DAILY COSERVATIONS)

23201 CLELLA AFT CALIF/SACKARF TT

39-72

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24 HOUR ACTUMES IN TRUBES

MONTH.	JAN	FEB	MAR	APR ,	MAY	אטנ	JUL	ου <sub>ν</sub> .	SEP	oct	NOV	DEC	ALL MONTHS
<u> 5</u> 4								•		13	• •-	• - h 1	
<b>n</b> (1	_ <u>i.J</u> 1	1,09	1.75	.07	• 45		.07	•60	. <u></u> .5€	200	70	1.04	1.7
41	1.01	. 6 \$	.75	1.34	2.44	.01	·uØ	TRACE		.24	.31	. 97	>,4
12 -	.5	. 42	.95 .73	.51	33	.00	.00	• 00:	.604	.14	.46	•5 <sup>G</sup>	·9 ?.5
	2.69	.21		1.22	• 55	.17	THACE	.01		. 16	• 15	• 0	7.5
44 .		1.54	.46	.47	<u>. 38</u>	• 08:	.09	• 00		. 43'	• 48	.41:	1.5
45	1.11	2.21	1.02	.16	. 34	.04	.00	• 60	.00	. 14	. € 2	1.37	7.7
76 1	.57	. 17	.48	TRACE	• 4 2	.00	TRACE	.00	• C 1	. 471	,73	7	1.7
47	.47	1.32	.56	.12	.13	. 24	.09	nc.	Thick	.65	· 18	. 25	
42	.37	.42	.86	• +5	1.23	TKACE	.00	.00	. v li	. 37	. 26	1.29	1.3
<b>45</b>	1.47	.53	.98	.00	.21,	.0/X	.∪∌	.01	TRACE	• 0 19	1.37	. : 3	1.
30	.96	1.49	.69	.54	.31	TRACE	.00	THALF	. 45	1.31	2.18	1.23	2.
21	.73	.70	•40	.85	.94	.00	.00	.00	.14	1.52	1.72	2.04	2.1
<u>أ 2 ث</u>	1.74	.78	2.20	.64	.09	. 23	.01	-07	.20	.00	.45	23	7.
<b>5</b> 3	. 74	.12	.74	1.79	1.11	.72	.00	.35	.00	.19	.83	. 64	1.
34	1.67	1.58	1.08	1.70	<u>.1</u> a	TRACE	.00	.36	. 30	• 32	1.49	1,99	1.
55	.93	.99	.12	.78	.75	TRACE	.00	• 60	.51	.59	.57	3.33	3.
36	1.94	1.03	.01	.80	.84		.00	.00	-61	1.41	.03	2	1.
37	.97	1.19	.95	.92	1.18	THACE	TRACE	•00	.42	.72	.04	1.24	1.
<u> </u>	1.15	1.96	1.15	2.80	<u>.73</u>	.40	.01	TRACE	.21	. 24	.08	.72	2.
<b>9</b>	1.44	1.51	.22	. 65	.02	.00	TRACE		2.01	.07	TRACE	.73	2.
50 4	. 67	1.75	.61	.54	. 47	00.	TRACE	.00	TRACE	.08	1.20	.00	1.
ol j	1.13	.57	1.01	.31	.27	THACE	TRACE	.01	.09	.04	1.33	603	1.
50	1.44	5.04	.92	.33	.01		TRACE	.11	8U.	3.55	.55	. 94	5.
63	2.77	.61	1.55	.97	1.09	TRACE	.00		.21	.97	1.25	.23	٤.
94	.92	•45	.33	<u>.20</u>	.26	.37		.05	.00	.91	.76	2.05	2.
65	.93	.19	.62	.75	.07	TRACE	.02	.44	TRACE	.04	.01	1.32	1.
66	1.22	.30	.07		. 24	TRACE	.04	TRACE	THACE	.00	1.36	. 79	1.
67	2.73	.38	.90	1.00	.08	•23	TRACE	TRACE	.01	.11	•44	.03	2.
á8	1.19	.61	.54	.39	. 49	.04	.00	.17	TRACE	.30	. 24	.82	1.
MEAN													
S. D.													
TOTAL OBS.		RUJE	1			E RONT			1			_ :	

USAF ETAC FORM 0-88-S (OU)

DATH POUCHSSILD BKH CH USAF/ETAC/OU A AIR MEATHER SCHOOL /MAC

## **EXTREME VALUES**

PRICIPITATION

FROM DAILY OBSERVATIONS

232.3 MUCLIFIED THE CALIFYSACKADENTO 23-72
STATION NAME

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MCN.H. YEAR	JAN	řEB	MAR	APR	MAY	אטנ	JUL :	AUG	SEP	ост	NOV	DEC .	ALL MONTHS
<b>(3)</b>		1.25	.34	.50	••3	.22	TRACE	. v 7	1	.0% .41.	. 0.5	• + 3 (	1.45
	1.11	. 45	.59	. 24	<u>, 31</u>	.11	<u>, on</u>	<u>, 00</u>	IN CT	.41.	2.20	. 74	2.24
/1	. 4	أداء	.92	.23	.23	. 11	.07	TRACE	THELE	.23		1. 7	1.77
72	.31	.04	14	<u> </u>	• 14	13	110,	.03	.42	· 00	. 76	.73	.96
36			1	1		,	1					1	
			:	- 4 -								<del>-</del>	- · · · · · · · · · · · · · · · · · · ·
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The Case	i			believe		i						ACRES DE LA COMPANSION	
		<u>i</u>	+							<del></del> -			
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estruct.		ann,	1	e de la composition della comp				1		**	ĺ	- ANDERSTRAN	
		1											
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								<del></del>		<u> </u>	i	- Adams	·
				<del></del>						i			
- 23													
MEAN			.753	.711	, <i>l</i> e13			.047		.538		1.034	1.899
S. D.	•649	.914	-475	1509	-510	.160	.019		.374	710	467	.015	,830
TOTAL OBS.	1023	933	1023 4 (BAS	₹88	1053	. 990	1024	. 1023	ē50	1023	1012	1054	17109

USAF ETAC FORM 0-88-5 (OU)

DATA PROCESSION 38 ACH USSE/ETAC/RE A AIR REATMER SERVIC /FAC

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## EXTREME XALUES

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FROM DAILY OBSERVATIONS.

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YEARS

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11 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	.7:	4.54	4.03 4.14 2.53 7.56	3.00 3.00 3.55	4.05	7,26°	.67		_		4.		
11	.7:	4.53 2.47 50.45 24.45	4.14	3.00	4.05		.60						
12   1   1   1   1   1   1   1   1   1	.5.	2.47 2.55 2.45	2.53					<u>. 6)</u>	, , b	. 4 *	4.66	2.c4	<u> </u>
44 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	. 64 . 2 <u>.</u> . 5 3	. 15 2.45		2.55		. jl	• U J	THALF	.55	. 30	. 79	4.45	21.34
447 5 46 49 50 20 55 49 55 55 55 50 50 50 50 50 50 50 50 50 50	· ? . · 5 3	5.45	7.56		.67	•96	£0.	.60	.34	.45	1.71	2,17	<u> </u>
45 7 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	.53	<u> </u>		1.53	•09	. 20	TAKE	.50	• 43		. 3.4.	4.12	
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53 4 54 4 55 5 30 7		1.63	.95	.89	1.09	.00	.00	.00	.21	1.73	3.85	6.31	10.0
56 4. 55 3.		2.23	<b>D.36</b>	1.26	• 09	.42	.01	.00	• 40	٠٠٠	2.70	7.36	, ), 41
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19 5.		6.11	•05	.72	.02	.00	TRACE	TRACE	2.37	.00	TRACE	1.05	10.93
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vi 3.	.14	1.51	3.57	.75	.54	TRACE	TRACE	.01	.09	.07	3.07	1.24	14.8
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	.27	.72	1.14	.20	.53	.45	TRACE	• 00	.00	1.51	2.68	7.34	1,4.7
	.14	.41	1.24	3.05	.27	TRACE	17.4	.44	TRACE	,06	3.44	2.75	34.4
	• 64	1.29	.23		.36	TKACE	• )4	TRACE	TRALE	.00	6.08	3.33	*13.5
57 7.	.45	.38	3.46	4.42	.12	.00	TRA :E	TRACE	.02	.19	1.65	1,53	19.6
68 3	•0₫	2.49	2.62	.39	.69	40.	67	17	TRACE	.74	3.24	3,41	16.7
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USAF ETAC FORM 0 88-5 (OLI)

MATA PROCESSING ERROM JSAM/ÉTAC/OL A AIR REATHER SERVIC /MAC

## EXTREME VALUES

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FROM DAILY OBSERVATIONS

232.5 CALIF/SACRAMENTS 39-12
STATION STATION MANE

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S. D.	2.625	2.747	1.572	1.377	.717	.213	.010	3117	.462	1.291	2.046	2.958	5.840
TOTAL OBS.	102	933	1023	980	1023	990	1023	1027	990	1023	1012	1054	12105
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- USAF ETAC TORM - 0.88-5 (OU)

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## **DAILY AMOUNTS**

PERCENTAGE FREQUENCY OF

STATION STATION NAME YEARS

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PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# EXTREME VALUES

FROM DAILY OBSERVATIONS

237.8 F.CLELLA FE CALLET / FECH. 1 -

7-72 YEARS

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USAF ETAC FORM 0-88-5 (OU)

PATA PROCESSING BRINGH USAF/STAC/OH A AIR WEATHER SCRIEC / TAC

## EXTREME VALUES

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FROM DAILY OBSERVATIONS

STATION STATION STATE ST

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YEARS

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TOTAL OBS.	637	763 MOTE	837	310	837 600	_810	837	837	810	837	810	837	988

HOTE \* (BASED ON < FULL HONTHS)

USAF ETAC FORM 0.88-5 (QU)

NATA PROCESSING SERVICE USAF/ETAP/NE A AID NEST-OP SERVICE/ AC

# EXTREME VALUES

FROM DAILY OBSERVATIONS:

STATION STATION NAME

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MONTH:	JAN	FEB	MAR	APR	MAY	אטנ	JUL	AUG	SEP	oct	NOV	DEC	ALL MONTHS
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NUTE \* (BASED ON < FULL KONTHS)

USAF ETAC FORM (0-88-5 (OLI)

DATA PROCESSING BRINCH US\$P/ETAC/DE A AIR METTHER SERVICE/INC

## EXTREME VALUES

FROM DAILY DESERVATIONS

23209 STATION STATION NAME 37-72

YEARS

TOTAL STATELY STOWFALL IN INCHES!

MONTH. YEAR	JAN	FEB	MAR	AFR	MAY	אטנ	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
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TOTAL OBS.	934	763	837	810	837	810	837	837	810	3000 837	810	337	-06 966

USAF ETAC FORM 0-88-5 (OLI)

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MATERIAL SUPERIOR STORY MATERIAL STAFF ATT SEATTLE SUPERIOR FOR

## **DAILY AMOUNTS**

PERÇENTAGE FREQUENCY OF

STATION STATION NAME YEARS

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PRECIP	NONE	TRACE	01	02- 05	06.10	11- 25	26 50	51-1 00	1 01 2 50	2 51-5 00	5 01-10 00	10 91.23 00	Over 20 00	OF DAYS	NO		(INCHES)	
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## EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION STATION STATION NAME

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USAF ETAC TOWN 0-98-5 (OU)

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## **EXTREME VALUES**

FROM DAILY OSSERVATIONS

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USAF ETAC FORM 0-88-5 (OU)

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### TART C

### SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (\*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTES value is presented when every month of the year has valid observations. Heans and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTES.

MOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Besufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRIMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

MOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

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### **EXTREME VALUES**

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USAF ETAC NOTE 0.88-S (OU)

BATA PRECESSING DANGER USAF/ETHC/OL A ATP REALT & SEF MC 1/ AL

### **EXTREME VALUES**

FROM DAILY OBSERVATIONS

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USAF ETAC FORM 0-88-5 (OU)

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## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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				* VIHEK		HOUSE (LST)
				CONDITION		

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## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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## SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

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#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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N	2.1	7.5	2,1	1.7	. *	. ن	• 1			Ī		9.7	7
BNK	. ଓ	_ ,7	. 3	.1	, ,			•0		<del></del>		2.0	
NE	, ;	ون	ڌ .	.0						1	;	1.9	
ENE	. 4	٤.	• 1		ماه						i	.0	Г
E i	1.6	1.5	. 4	ناه	ů.			i		<del>                                     </del>	i	3.6	$\overline{}$
EŞE	1.1	1.8	. 7	•1						-		3.7	Г
SE	2.2	4.0	4.4	1.1	. 4	•2	• 1	•0		.0	i —	12.0	i
SSE	1.5	3.2	3,8	2.3	1.1	•6	.1	.0				12.7	•
S	2.0	3.2	3.9	2.9	. 6	• 2	• 0	0,				11.9	
ssw	.5	. 3	. 5	. 4	ن.	• Ç	• Ù					2.7	Π
sw	. 7	. 5	. 5	.3	.1	•0						2.2	Π
wsw	. 3	• 2	• l	.1	.0	•0						.7	Γ
w	,7	ځ	. 7	•0	. 0							1.5	<u> </u>
WNW	,7	ا ۋ و	• 2	• 0								1.4	Γ
NW .	1.3	1.7	1.4	.7	, 3	•1	• )	•0		Ī		5.5	
WMM	1.1	1.7	1.7	1.5	. 8	5	. 2	.0				7.4	
VARBL										;			Г
CALM	><	$\geq <$	><		><	><	><	><	$\times$	$\supset <$	><	20.4	Г

USAFETAC FORM 0-3-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLUTE

DATA PYLCESSING RRINCH FIGURAF AIR MEMINER SERVIC / MC

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	<u> </u>		F. CAL	(F / 33.1, 1	(4 3 151	<del></del>	40-	16	7	Tats		 	 - <u>A</u> -≪ IONTH
		_					ATHER	<u> </u>			<del></del>		 L L 1 (L 3 T.)
		_				CON	DITION				<del></del>		

SPEED (KNTS) DIR	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAM WIND SPEED
N	1.0	1.9	2.0	1.1	ا ذ .	1	.1	.0			1	7,3!	7.2
NNE	, 6	.0	ق و	1	.1	.0	• ()					1.7	5.3
NE	.6	. 5	• 6	•0	. ()	• 0						1.4	7
ENE	. 3	<u></u>	-1	.0	. 0	.0				<u> </u>		,7	5.0
Ε	1.2	_1.1	. 4	.0							<u> </u>	2.9	4.2
ESE	1.2	2.0	9	1								4.7	5.2
SE .	1.8	4.0	4,9	.9	ڙ و	• 1	1	•0			Ļ;	12.8	7.2
SSE	1.5	4.2	5.3	1.9		.3	• 1			ļ <u>.</u>		14.1	8.6
S	1.6	4.2	5.4	2.2		•1	.0				!	14.3	9.0
ssw		1.4	1.6	9		•0						4.9	7.8
SW	.,)	1.0	1.0	.4		•0						7.5	6.3
wsw	.4		. 3		•0	.0						1.1	5.8
W		6			.0							1.7	4,5
WWW	.0		ق ع		.0	0					<u>-</u>	1.7	5.3
NW	1.2	فعل	1.8	.9	4	2		0		<u>!</u>		5.2	9.7
NNW	1.0	1.7	2.0	1.6	. 8	. 4	2	.0		<b></b>		7.7	10.3
VARBL	<b>—</b>						<			<del></del>			
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	>>	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	13.8	
	16.4	26.6	26.9	10.6	3.5	1.4	.4	.1				100.0	6.6

MATH PROCESSION OF THE CITY OF ALL RESIDENCES FOR A SEPTION ASSESSED.

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

232.5	MCLILLA OF CALIFISACES OFT.	40-12	
STATION	STATION RABE	YEARS	HT#C#
		er atmen	·LL
		CLASS	HOURS (L S Y )
		ROTTICECO	

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	* * ;	MEAN WIND SPEED
N	1	1.8	1.5	• 0	.3	• 1	. ب	. ა				٦. ٩ ا	7.3
NNE	ر .	. 5	۰۷	.1								1.31	4.1
NE	. 1	. 4	• 4	.0	• G l	.0						1.1	5.1
ENE	<u>د .</u>	. 3	. 1									.6	4.3
E	. 3	. 9	• 4	. U								1.9	4.3
ESE	• 0	ì.d	.0	.1	. 0	.()				1		3.6	7.3
SE	1.7	4.6	6.6	1.0	• i	.0	• U					14.3	7.1
SSE	1.4	4.3	0.1	1.9	. 4	1	• )					14.3	7.9
\$	1.7	4.5	6.9	2.9	.6	1	• U	.0		!		16.7	3.2
ssw	• 1	1.7	2.2	1.0	.2	•0					!	5.0	7.8
sw	1.0	1.5	1.5	.0	. 1	•0						4.6	7.0
wsw	.5	. 4	. 3		<b></b> , (i							1.3	5.5
w	.9	. 3	. 3	• 1	•0	.0						2.1	4.8
WNW	, 5	٥٠	.4	• 1	• 0						_	1.7	5.3
NW	1,3	1.8	1.0	. 9	. 3	.3	• 1	.0				6.6	3.7
NHW	1.3	1.0	2.0	1.3	_ ,4	.3	. 1	.0			<u> </u>	5.8	3.2
VARBL												TS .	
CALM	$\times$	$\geq \leq$	$\geq \leq$	$\times$	$\geq \leq$	$\times$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	11.3	
	15.0	25.1	31.1	10.7	2.5		. 3	. 1	• 7			100.0	4.6

DATA POLCESSING FROM CHITCHESAF FITCHESAF AI SENTER SERVIC ASS

MICLELLA OF CALIFYSACE OF

## SURFACE WINDS

ΔY

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	-				·LL c	AT ITE							<u>(                                    </u>
	_	·			COR	DITION		<del></del>					
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 53	34 - 40	1 41 - 47	48 - 55			MEAN WIND SPEED
N		1.7	1.1	.0	. 2	.1	٠,٠		:			4.0	7.7
NNE		. 2	, 1	. 1					! !			.7!	5.5
N'	.3	. 3	• 2	.0	• 0				1	1			5.0
ENE	, 1	. 2	• C	٠, ن								1 .3	4.6
E	,5	. 0	. 2	ψÚ						1		1.3	4.4
ESE	. 6	1.3	<b>,</b> b	•0	•				1			2.9	
SE	1.4	4.9	6.5	.9	• 0	•0						14.01	7.0
SSE	1.2	4.5	7.9	2.4	. 3							16.4	3.0
S	1.0	4.7	9.1	4.3	1.0	•2	• ()					21.1	3.8
ssw	. 7	2.2	3.4	1.5	.3	.0			1			2.1	ñ.3
sw	1.0	1.9	2.1	• გ	• 1	.Ω	- 2	0				5.0	7,4
wsw	.4	.6	. 3	• 1	Ú							1.5	5.7
W	.7	1.1	. 4									2.4	5.1
WNW	.5	ý	. 7	. 2	νŪ							2.3	4.2
ИW	. 9	1.5	l . d	1.0	.3	2	اء					. ε. a	9.8
NNW	.6	Lel	1.3	1.0	. 4	. 3	-1	.0				4.7	10.3
VARBL												ž.	
CALM			\ <u>\</u>				$\searrow$				$\overline{}$	7.5	

DATA PROCESSING BROKE ETACKNEAF ALT REATHER SERVIC / AC

MUCLELLA SE CALIF/SACKA- 1 (T.

4

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					ili r	ATHER							L
		-			Ċ	A\$3	··· • • • • • • • • • • • • • • • • • •	-				HOURS	1 (1
					con	D1210#							
SPEED (KNTS)	1 - 3	4.6	7 - 10	11 - 16	17	22 - 27	28 - 33	34 - 40	41 - 47	43 - 55	≥56		† !
DIR.		1.0	7 10	11 - 10	, ,, ,,,	22 - 27	10 - 33	34.43			·		! 
N	.71		• 0	. 4	. ì	-1		.0			1	3.0	
NNE		.1	• 1	, i		.0	• 24				!		<u> </u>
NE [		.2	.1	• 0	• U	.0			1		T	<u> </u>	=
ENE ;	.1	1	• •	. ა							1	. ? '	;
E	.4	٤,		.0	•17								Γ-
ESE	.6	.6		0.						i	1	2.0	_
SE	1.4	4,4		1.1	. 1					1		14.0	Г
SSE	.5			3.0	. 3	.0			I		1	10.4	Ī
S t	1.6	5.1	10.9	5.0	1.2	• 1			i			22.0	Γ
ssw	.7	2.5	3.6	1,5	.3	-1						9.9	Γ
sw	. ?	2.0		.7		•0				<del></del>		5.B	Γ
wsw	.3	.5		.0						1.	Ī	1.1	$\Box$
w	.7	1.1	.4	•.1	•0	.0	_				1	2.3	[
WNW	.4	1.0		.2	.0						1	7.4	Γ
NW	.7	1.5	1.5	.9	, 3	• 2	• 1	.0				5.4	Γ
MMM	.3	.8	1.1	.7	.4	• 2	-1	0	. U			3.8	
VARBL												Ē	Γ
CALM						><	><					6.1	
		25.0	(0)				-		<del></del>			1.00	[=

DATA PROCESSING BRY (CHEETSE/KESAF ALY MEATHER SERVIC / 'AC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

232JF	MCCLELLA	AR CALLETSACE	40-77 40-77		nn_
STATION		STATION MANE		YEARS	BORTH
			ALL =: ATHER		
			CLASS		HOUSS (L S T.)
			CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	₹ 5 5	MEAN WIND SPEED
N	. :	. 3	• (	.1	. (/					!		. 2	5.4
NNE	1	.1		.0	•0			,				, 2!	4.8
NE	.2	.1	• 9									. 3	1.5
ENE		, G	.0	•0						1			4,7
E		?	.0	.0								۸.	3.7
ESE	.4	, ti	ذ.	.0								1,5	4,9
\$E	1.3	4.2	7,5	1.0	.0							14.0	7.2
SSE	1.3	5.5	13.0	3.4	• 1	•0						44.31	ā.0
\$	1.9	7.0	14.3	5.4	.9	0						29.5	3,5
SSW	1.0	2,9	4.1	1.2	.2	•0						9.4	7,7
SW	, 4	2.2	2.1	. 4	.6	.0						5.6	5.4
wsw	, 1	, <b>8</b>	. 3	• 0								1.3	5.0
*	. 6	1.2	. 4									2,3	4.7
WWW	, 3	7	. 3	.0								1.3	5.3
МЖ	, 5	1.0	. ũ	• 1	.0							2.4	5.0
NNW	• 2	.4	.5	• 1								1,2	5.7
VARBL													
CALM	$\geq <$	$\geq$	$\triangleright <$	><	><	$\times$	><	$\geq \leq$	><	$\supset <$	><	5.0	
	9.7	28.4	43.9	11.8	1.2	. 1						100.0	7.2

DATA PRICESSING BRANCH HINGLESAF AIR MEATHER SERVIC /MAC

MUCLILLA AF- CALIF/SACKAR ...T.

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				CON	DITION							
SPEED (KNTS) DIR,	1.3	4 - 6	7 - 10	11 - 16	17 - 21		28 - 33	34 - 40	1 41 - 47	43 - 55	≥56	*	•
N	3	.5	. 5	٠. ن	ا ن.			-		,		1.2	-
NNE	h .1	. i	• i	.0					1			. ? .	
NE	1 ./	• l	.0	.0								.3	
ENE	h . 1	<b>.</b> ن	.0						1			• 1	ĺ
Ε	1 .3	.3	. 1	.0								. 7	Γ
ESE	.0	1.1	.7	.1	٠,١							7.5	
SE	1.4	4.9	7.9	1.0	.0							15.3	ſ
SSE	1.4	5.9	10.7	3.1	. i			<u>i</u>				21.2	ĺ
S	2.3	5.8	11.5	4.1	.6	.0		<u> </u>				25.3	Ĺ
SSW	1.2	3.2	3.7	1.5	.1	•0						3.9	Ĺ
SW	1.2	2.1	2.1	.5	.1	_	i					5.9	Ĺ
WSW	.5	.7	.4	.1	.0							1.6	
w	. 8	1.3	.4	٥.	.0							2.4	Ĺ
WNW	. 5	1.0	. 3	ن.	.0							1.0	Ĺ
NW	.5	9	.7	• 2	.0			<u> </u>				2.3	L
NNW	. 3	.5	.4	.1	.0					i		1.3	ĺ
VARBL	1												L
			$\sim$	$\leq$		$\sim$	· \	ハー	! \			7 6	Í

3474 P1.C.SSINC R -... ET / VXF AT - FE THE SE-VIC / IA.

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MICHELLA OF ALIF/SOCKANIAT

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NE								NOTION	CON					
(KNTS)				: :							-	_	-	59550
NNE	M W S₽	*	≥55	48 - 55	41 - 47	34 - 40	28 - 33	22 - 27	17 - 21	11 - 16	7 - 10	4-6	1.3	(KNTS)
NE		4.5	•				• •	•1	, 2!	, G	1.2	1.3	1.5	N
ENE	_	1.0			•	ı		. ن		.1	• 4	. 4	.4	NNE
ENE	_	, à .	<u> </u>	İ						.0	.1	ۇ .	. 4	NE
ESE 1.6 1.3 .5 .6		.31	5			_					٠.	.1	.2	ENE
SE 2.1 5.8 6.9 .6 .0 .0 .0 .15.4  SSE 1.5 5.2 7.3 1.5 .4 .0 .15.6  S 2.6 5.4 7.2 2.0 .2 .0 .15.6  SW 1.1 2.4 2.4 .5 .1 .0 .0 .5 .6  SW 1.3 1.8 1.2 .3 .1 .0 .0 .5 .6  SW 1.3 1.8 1.2 .3 .1 .0 .0 .1 .4.7  WSW .6 .5 .3 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0		1.7	1								. 2		.9	E
SSE 1.5 5.2 7.3 1.5 ./ .0   15.6  5 2.6 5.4 7.2 2.0 .2 .0   5.6  SSW 1.1 2.4 2.4 .5 .1 .0   5.6  SW 1.3 1.8 1.3 .3 .1 .0   5.7  WSW .6 .5 .3 .0   1.4  W. 3.0 1.0 .2 .0   7.2  WNW .7 .5 .4 .1 .0   7.2  NNW 1.1 1.6 1.7 .5 .2 .1 .0   7.1  EVANSE: .7 1.2 1.2 .6 .2 .1 .0		ופינ	3				i			• (i	.5	1.3	1.0	ESE
5 2.6 5.4 7.2 2.0 .2 .0		15.3						.0		.6	6.9	5,8	2.1	SE
SSW 1.1 2.4 2.4 .5 .1 .0 .5		15.4		1				.0	./	1.5	7.3	5.2	1.5	SSE
SW 1.3 1.8 1.3 .3 .1 .0		7,5	4					.0	2	2.0	7.2	5.4	2,6	S
WSW		4.5	Ę	1				-01		5	2.4	2.4	1.1	SSW
W. 3.6 1.0 .2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0		4,71	Mary.	i	!			.0		3			1.3	SW
Wew .7 .9 .4 .1 .0 .0 .0 .7.1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0		1.4	į							. ()	3		6	_ WSW
NW. 1.1 1.6 1.7 .5 .2 .1 .0 .0 5.7 .2 .1 .0 .0 4.3		7.3	9				!			.0	2		1.0	<u>"W</u>
ENNW: .7 1.2 1.2 .6 .2 .1 .0		2.1!	ŧ		!							. 9	<u>.</u> . 7	
EVANS.		5.7	ŧ		!	-0	لتم		2				1.1.	
		4.3		1			eC		2	6	_1.2	1.2	.7	
CAIN							+							
		13.7	><	><	><	><	><I	><	><	><	><	><	><	CALM

TOTAL NUMBER OF OBSERVATIONS

23423

PATA PHOTOSSING ART OF E ETAC/USAF AIR WEATHER SURVICE/FF

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3) 5	MCCLELLA W CALIF/SACKAS, NT.	40 <u>-72</u>	C1
STATION	STATION NAME	AETER	\$0=*#
	ALL *	i A <sup>t</sup> ta	مذا
		CLASS	BOURS (LS T)
	c	043/1504	

SPEED (KNTS) DIR.	1.3	4.0	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	دير. 48	≥36	* *	MEAN WIND SPEED
N	2.0	1.9	1.9	1.0	.5	.2	.1	٠.				7.4	= , 8
NNE	.51	• 5		.2	.1	• 0	• •					1.6	5.5
NE	. 9	.5	•2	.0	.3		ر .					1.6	4.6
ENE	. 4	٠Ž	.1	. U								.7	4 . 2
E	1.3	1.1	. 4	•0							!	3.0	4.1
ESE	1.1	1.8	.7	.1	• U					,	i	3.6	4 . 5
SE	2.31	4.9	4.3	.7	.1	.0	نا .					12.3	5.0
SSE	1.4	3.7	4.3	1.1	.3	•1		•0				10.2	7.
S	2.0	3.8	4.4	1.4	. 4	• 1	. 0					12.1	7.
SSW	. 81	1.3	1.3	.6	. 1	•0						4.1	7.
sw	1.0	1.0	. 5	.2	•0							3.1	5.
wsw	. +	• 3	• i	.0	. Ü	•0						. 9	4.
w	.9	. 4	. 1	.0								1.5	3.
WNW	. 6	.0	. 3	. 1	.0	0						1.5	5.0
NW	1.6	1.6	1.9	.7	. 3	• 2	٠,٥	.0				6.5	7.6
NNW	1.1	1.5	1.7	.9	.6	.2	• 1	• •				5.1	7,0
VARBL												E E	
CALM		> <	><	><	><	><	><	> <	><			22.6	
	18.0	25.4	22.9	7.0	2,3	. 8	.3	.1				100.0	۶.

CATA PALCESSING AR HER FILE/UIAF AIT HEITHER SERVICH/IS

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 3.2 STATION	ACCEPLLA	F CALIFYSACRATIST	39-72	YEATS	POSTA
			GAR CAR		POSES (LET)
			CONTRA		

SPEED I	1-3	4-6	7 - 1¢	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	43 - 55	≥ 55	:	MEAN WIND SPEED
N S	2.3	2.0	2.5	.9	.3		.1					۵,2	7.7
NNE	. 7	. 8	. 64	1	0	.0						2.2	5
NE 5	1,5	. 6	و.	لام		لكعا						2.1	4,
ENE	. 4	. 4	• (	.0	v i							1.0	4.
£ \$	1.7	1.4	.4	.0								3.5	4,
ESE E	1.3	1.9	,7	.0						,		् ३,७।	4.
SE	2.2	4.4	3.0	. 8	. 3	1				1 1		11.4	5.
SSE	1.3	3.4	3.9	1.9	.7	2		0				11.5	٩.
\$ 5	1,9	2.0	3.2	1.4	3	1	ر			i i		1 0.6	~
ssw	.7!	.5	.5	. 3	0	.0	أدم	.0				2.2	
sw	. 9	.0	. 4		.0							2,1	4.
wsw §	, 3	- 2	.1	.0		.0	0.					7	٠
w	, 8	. 4	.1	•0	ē					1		1.4	3,
WWW .	,7	. 4	. 2	• 0	٥.	• 2	٠.)			i .		1.4	4.
NW	1.8	1.0	1,4	.4	. 2	.1	.1	.0				5.0	4,
NNW I	1.2	7.0	2.1	1.1	.4	. 5	1	. 0		I i		7,3	9.
VARBL													
CALM	><	$\geq$	> <	$\times$	$\geq \leq$	$\geq \leq$	$\times$	$\geq \leq$	> <		$\geq \leq$	25.0	
	19.4	24.2	19.9	7.3	2.3	1.2	. 4	,				100.0	5.

PATE PROCESSING BETTER
ETTERSAF
ATT REPTHER SERVICER AND

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 3	1. CLILLA .F CALIF/SMCH	39-12 Tun	F (_
		LAT IER	MONETS (L. S.Y.)
	CC CC	PARTINA	

SPFED P	1-3	4-6	7-10	11 - 15	17 - 21	22 - 27	28 - 33	34 - 40 .	41 - 47	43 - 55	≥55	₩-14.8F	MEAN WIND SPEED
N 5	2.7	3.0	2.5	1.0		.1	, ,	٠.				1 1.6	5.7
NNE I	.71	٠,٠		.1		• 0		.0				2.1	5.2
NE E	. ; ]	. 9		٠.		•0	• 0					2.1	4.4
ENE à	. 3	. 4	. 1	٠.		-	,	,		:		<u> </u>	4,3
E E	1.5	1.2	.4	.0		_				ē .	•	1	4.0
ESE E	1.5	1.5	5		. ن							3.2	5.2
SE 💈	1.7	3.8	4.3	1.2	.4	,1	ه ا	ე '				11.5	7.5
SSE	1.2	3.1	3.7		1.0	• 6	.2	_,1_		1		13.6.	10.7
S	1.6	2.8	3.0	1.8	.8	. 2	•1			•		10.5	3.6
SSW 3	.5:	.5	.5	.4	.1	-0	. 0				!	- 7.n	7.5
sw 3	.7!	.5	.2	.1	.0					Ì	:	1.6	5.0
wsw	. 2	. 2	- 1	٥.			ن .				:	.5!	4.3
w	. 3	. 5		.0						# F	:	ing.	3.5
WNW	.6	.5	.2	.0		•0	.0				1	1.3	4.6
NW	1.3	2.0		.4	.1	1	.0			1		5.0	5.2
NNW	1.4	2.0	1.9	.9	. 3	-2	.0			ì	!	6.7	7.8
VAREL										1		Neg Property	
CALM		> <	$\supset <$	><		$\geq \leq$	><		$\sim$			24.0	
	17.8	23.5	19.9	6.9	3.0	1.5	.4				]	100.0	5.6

DATA PROCESSING BRANCH FIRE/USAF AL MEATHER SERVIC / AC

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23248	MUCLELLA	AL CALIFYSACRAMENTA	42-12		JAH		
BOLVATE		STATION NAME		YEARS	MONTH		
	ALL A ATRIER						
			HOURS (L.S.Y.)				
			CONDITION				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	***************************************	MEA WIND SPEED
N I	2.0	2.0	1.0	, rj	. 7	• 5	• 1					7.0	٦.
NNE '	, d	.7	٠,5	.1								1.0	4,
NE	, 5	1.2	<u> </u>	()								2.0	٩.
ENE	. 3	.4	• 2									.0	4.
E	2.0	2.2	/	.0								4.0	4.
ESE	1.5	2.4	1.5						<u> </u>			4.0	4,
SE	2.3	6.2	5.4	ا فرا		• 0						15.2	5,
SSE	افعا	4.0	4.3		2.0	. 9		.0				14.1	10
\$	1.5	2.0	2.3	_1.7	. 9	- 2						9.1	Ġ.
22M.	.0		2	2								1,4	•2,
sw	. 3											,0	4.
wsw			• ()						<u> </u>			-4	5.
w												7	4,
WWW	.3											<u>p</u>	4,
NW	1.2		1.0									3,5	
NNW	.7	1.4	1.7	.7	- 2							4.9	3
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\times$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	23.4	
	16.9	24.8	20.5	8.0	4.3	1.7	j	.0	. 1			100.0	5

DATA PROCESSING BRANCH FINITERAT AIN MEATHER SERVICTIMAC

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY ORSERVATIONS)

237 .r.	MCCLELLA OF CALIF/SACRAMENTS	41-7°	MANGE
	Λ( L π	ATHER	1)300-0500 HOLES (L.S.T.)
			,

SPEED (KNTS) DIR.	1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	4) - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.4	2.3	2.3	• 0	.5	•1	• 1			1		9,4	7.
NNE	1.0	. 7	.3	.1	.0							2.1	4.
NE	1.1	1.3	.3									2.7	4.
ENE	.9	7		•0								1.8	4.
Ę	1.9	1.7	.7									4.3	4.
ESE	1.3	1.6	•0	. 1								3.2	4.
SE	3.0	5.4	5.3	1.5	. 3	.1	٠.					15.7	7.
SSE	1.1	2.9	4.0	3.1	1.9	.7	. 3	.1				14.2	11.
S	1.5	2.1	2.3	1.2	.7	- 1	1	.1	• )			9.0	3,
ssw	.5	. 3	.4	.3	. 1							1.6	6.
sw	.3	. 2	.0	• 1								.7	5,
wsw	. 2	. 1	٥.	.1								.4	5.
w	.7	, 2	.1	.0								1.1	3,
WNW	.4	. 3										.7	٦,
NW	1.4	1.3	1.1	.4	.1	.0						4.3	6.
NNW	.8	1.6	1.4	.7	.5	- 1	• 1					5.1	8.
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\times$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	24.9	
	18.5	22.9	19.1	8.4	4.2	1.2	.5	.1	• 0			100.0	5.

DATA PALCESSING OR SON FINAL OF TERMS AND AND

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23) c	MUCLILLA - AL - CALIF/SACKAFFINT.	4 (jun ) > TEARS	JA-⊋ HORTH
	<u> </u>	a. ATHER	76~7-0-60 HOUSE (L E T )
		COFOIT ON	

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN VIND SPEED
N	3.2	3.4	3.	.0	. 3	. 1	٠,٠						
NNE	. 8	. 7	. 4	. 1								2.0	
NE	1.1	1.4	4	.0								2,6	4
ENE	.5	ر .	• 6									1.2	٠, ,
ξ	1.7	1.5	. 5	-1								3,5	4,
ESE	1.0	1.1	ē,	.1								2.7	4,
SE )	2.5	3.5	3.0	1.5	, d	. 2	,1	.01				12.3	
SSE	1.9	3.7	4.7	2.9	1.8	. 4	• •	. 1				15.1	٦c.
s	1.0	2.1	2.7	1.4	, <u>u</u>	• 2	•0					2.2	3
SSW	. 4	. 3	. 4	. 3	. 1	0						1.5	7
SW	,7	• 2	.3	.0			40					1.2	5
wsw	, 1	5.	.0	.0						•		.4	4
w	. 8	3	٠,	•0								1.2	3.
M34M	. 5	.0										1.2	3.
N.A	1.4	1.4	1.1	+2	. 1	•0						4.2	5.
NNW ]	1,0	1.7	1.7	.7	-4	•0	. 2					5.7	8.
YARBL													
CALM		><	><	> <	$\supset \subset$	> <	><	> <	> <	$\supset <$	> <	25.0	
	19.2	22.1	19.6	7.9	4.3	1.3	. 4	. 2				100.0	5

POTAL NUMBER OF OBSERVATIONS

3022

PATA PECCESSING SK. CH FIAC/USAF AI' FEATHER SERVIC /"A"

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

232,2	4CCLELLA	SE CALIFYSACRAHIAT.	40-7	73				
STATION		STATION HAME		TEARS	MONTH			
		<b>ب.</b> ا	ALL N'ATHER					
			CLASS		HOURS (L S T )			
			CONDITION					

SPEED (KNTS) DIR.	1 - 3	4 - 5	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3.3	2.0	3.i	1.0	. 4	.4	• 4	.0			-	11.2	7.5
NNE	1.0	. 8	. "	٠.٥		.0						2.2	4.8
N.	1.4	• ",	. 3									2.4	3.7
ENE		• 1	• 1									.4	3.5
Ε	1.3	.4	.2									1.6	3.7
ESE	.5	.4	.4	.0								1.4	4.9
SE	1.8	2.4	2.6	1.6	.4	.3	• 1					9.5	8.6
\$5E	1.4	3.2	4.8	4.7	2.2	. 8	ا ر .	•1	• 1			17.5	11.2
S	2.3	3.4	3.7	2.0	. 5	. 4	• 1					12.7	8.4
ssw		.6	.5	• 2	• 1							2.2	5.2
sw	1.0	<i>ڏ</i> .	٤.	• 1	.1							1.8	5.2
wsw	.3	• 1	•2	.1								. ^	5.4
₩	1.3	4	.1									1.	3.0
WNW	1.0	.4	• 2									1.6	7.4
NW	1.3	2.2	2.1	.5	•2	•1						6.9	4.7
NNW	1.0	2.1	2.1	1.2	.5	.3	• 2					7.4	9.3
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\times$	$\geq <$	$\times$	><		><	> <	$\geq$		19.1	
	20.2	20.2	21.0	11.3	4.7	2.3	. 5)	. 1	. 1			100.0	ύ <b>.</b> 5

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_3047

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BROWN ETAL/USAF AIR MEATHER SEPRIC / AC

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

232.3 STATION	MICLELLA AF CALIF/SACRAMINTA	40-7?	I A t
	<u>خلل م</u>	ATHER	120J-1400
	сон	1150N	

SPEED (KNTS) DIR.	1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	7 % i	MEAN WIND SPEED
N	2,5	2.6	2,9	1.2	.6	.3	, 3	. 1				10.7	
NNE	.7	. j.	ۋ و	•0	•0							1.2	4.
NE	, 9	. 3	- 1									1.3	3.
ENE	,1	,1	٠,٠									.3	4.
E	.0	5.	.1									. 9	3.
ESE	ا ذ و	. 3	. 4	٠.0								1.1	5.
SE	. 9	1.3	1.7	1.2	, 5	•1	• 1	- 1				1 4.3	9.
SSE	1.0	2.6	3.7	4,0	2.2	• 9	. 3	•1				4 14.2	11.
S	2.6	4.4	5.6	3.3		.3	. 2			1		17.7	۹.
SEW	1.1	1.0	• 6	4	2.2	•0				<u> </u>		1 3,5	6,
sw	1.2	,5	.5	3								7.5	5.
wsw	.5	3	•2	•0	.0							1.1	5.
_w	1.1	.6	2									7.0	4,
WNW	1.3	5	. 4	.0						<u> </u>		7.2	3,
NW	2.0	2.2	2.5	. 8	. 3	• 2		.0		<u> </u>		P. 3	7.
WNW	1.3	2.8	3.1	1.2	.6	1.0	-2			I		10.2	17.
VARBL										<u> </u>	Ļ		
CALM	$\geq \leq$	><	$\geq \leq$	><	><	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	14.8	
	19.0	20.6	22.6	12.9	5.7	2.8	1.2	. 3				100.0	7.

DATA PROCESSING BROOCH EIACYUSAF AIN MEATHER SERVIC VIAC

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3/ 3	ALCEFELA '	CALIF/SACRAMENTS			ε Λ <b>ε</b>
STATION		STATION NAME		TEADS	#CATH
			LL WILTHER		1500-1700
			CLASS		HOURS (L S T.)
	_				
			CONDITION		
	_				

SPEED (KNTS) DIR,	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N :	2.3	3.2	2.5	.9	. 4	• 3	. 1			1		10.5	7.
NNE	.7	೮	. 1		٠Ü							1.7	4
NE	.7	5	. 1							<del></del>		1.3	4
ENE	.2	.1	.0							:		1 .31	
E	. 9	. 3	. 2									1.3	3
ESE	.2	. 4	٤.	.1	•0							1 1.0	5
SE	1.2	2.1	3.1	1.2	.4	•1	•1					1 6.2	3
SSE	1.5	3.1	4.3	3.4	1.3	.7	.1	.1				14.3	
S	2.7	5.1	4.9	2.1	1.2	• 3	• U					16.4	Ą
ssw	7	1.0	8.	•9	•2							3.7	3
sw	1.1	.7	.7	• 1	. 1							2.7	5
wsw	, 5	.3	• 2									1.0	4
w	, 9	.4	• 2	•1	•0							1.7	4
WNW	• ສົ	.5	.3	.1								1.6	4
ИW	2.2	2.3	1.7	.9	. 5	•1	٠,٦	i				7.5	7
MMM	1.8	2.0	2.8	1.0	1.0	.4	.1					9.6	9
VARBL												<del>]                                    </del>	<u></u>
CALM	$\geq \leq$	$\geq <$	$\geq \leq$	$\geq <$	> <	> <	> <	> <	><	> <	> <	17.2	
	18.8	23.3	22.5	10.7	4.9	2.0	.5		-			100.2	5

DATA P OCESSING DR WEN ELICATE VE ALCOHORS SERVICE AC

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

232.9	MCCLELLA AF- CALIF/SACRAMINTS	41-17	JA.
BTATION	STATION NAME	15.485	BO41#
	all r	ATHER _	1307-2100
		CUB	HOJES (L S T )
		COMPITION	

SPEED (KNTS) DIR,	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	; 48 - 55	≥55		MEAN WIND SPEED
N	2.0	2.1	2.0	1.0	, 4	. 4						7.5	7.5
NNE		ý		•1	. 1					,		2.5	5.4
NE	1.1	. 4	. 3						1	1	ţ	1 1.5	3.9
ENE	ر	. 3	, ì							i			3.1
E	1.3	1.0	• 2	٠.6								2.5	4 . (
ESE	1,4	1.4	ذ و	.0	, ü					-		2.7	4,
SE	Z.ô	3.7	3.5	1.0	. 5	•1				Ī		10.7	7.
SSE	2.4	4.0	4.6	3.4	1.3	3		. 1				16.2	9.
S	2,0	3.6	4.1	2.1	. 4	3	• 1		i	i		13.2	7,
ssw	5	.9		.5	. 1							2.5	_ 7,
sw	.7	5	ذ٠	• 1	. (/							1,9	5.
wsw	ڙ ۽								I			. 5	4.
w	7	. 5	- 2									1.5	4.
WNW	. 4	.5	ر م									1.2	4,
NW	1.3	1.6	1.7	. 3		.0	6					4.9	5.
NNW	_ 1.1	1.7	1.5	.6	. 2	1	0					5.3	7.
VARBL										<u> </u>			
CALM	$\geq <$	><	><	><	><	><	><	><	$\geq <$		><	23.5	
	19.1	23.3	20.1	9.1	3.2	1.3	- 4	,				100.0	5.

TOTAL NUMBER	OF OBSERVATIONS	921

DATH PROCESSING PR SCH FILC/ESAF ALF MENTHER SERVIC / AC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3 - 3	MCCLFLLA .	F CALIFYSHORA CHATE	42-12		ی۰۸ ر
STATION		STATION MARE		TEARS	90478
			L BEATHER		1104-2300
			CLASS	<del></del>	HOURS , L. S T )
			C0ED-1104	<del></del>	

s ssw sw	2.1	2.4	3.5 .4 .2	1.3 .3	.7 .1	•3	•0	i				1.5 1.6	3. 8. 5.
													Ą.
	2.1	4.7 2.4	4.9 3.5		1.9	•6	• L	1				16.6	10.
SE	3.0	5.1	5.6	1.1	5	-1						14.0	6,
ESE	2.0	2.2	.7	.1	<u> </u>							4.3	-4
ENE	.5	.3	ا ۋ .									1.1	4,
N NNE NE	.7	1.2 1.6	.4	.9	.7	.0				· · · · · · · · · · · · · · · · · · ·		7.1 2.5 2.1:	3 , 5 ,
(NTS) DIR.	1-3	4.6	7 - 10	11 - 16	17 - 21		28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	· · · · · · · · · · · · · · · · · · ·	SPEE

DATA PROCESSING PRO THE ETACYOSAF ATR RESTREM SERVIC / SAT

> WNW NW NNW VARBL

(3)

0

MICLELLA AF CALIF/SACPASERT.

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					#LL = ?							<u>-0:00</u>
					C	LASS					MOURS	(LST)
					COM	DITION						
	<del></del>									,		
SPEED				!					t	•		MEAN
(KNTS) DIR,	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47 48 - 55	. ≥ 56	. •	WIND SPEED
<u> </u>	!	-		<u> </u>					· · · · · · · · · · · · · · · · · · ·			
N	<u>_!l_</u>		1.8	1 1.4	4	. 3	•i				<u>*•!</u>	7.4
NNE		i .6	. 3		į					ŧ	1.5	4.5
NE	1.1	1 .9		i					· · · · · · · · · · · · · · · · · · ·	:	2.2	4.1
ENE	F . £	.4	.1		ı					<del>.</del> —	1.1:	,,7
E	1 3.4	3.0	1.0	. u						1	3.01	4.3
ESE	2.0	3.7	1.4	• G						1	7.1	4.8
SE	2.8	7.3	7.1	1.0	. 3	.3	• 1/2			<del>-</del> -	is.ol	4.7
SSE	2.0				. 0	•3				-	: [3.3]	4.5
5	1.4			1.3		.1			<del></del>	i	1 8.CI	3.2
ssw	1 .4		.4	.1							1.2	7.0
				,						4		

TOTAL NUMBER OF OBJERVATIONS 2675

20.6

5.5

DATA PO CESSING HR LCH ETGE/CHAF MICHEMITER SERVICO/CAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12:2	<u> </u>	<u></u>			<u>Kasen</u>		41-	·1:							
8747404		_	STATIO			<u>'LL = :</u>	AT.1Fk			·tits				<u> </u>	-0500 (137)
		-	-			ÇON	DITION				_				
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	43 - 55	≥ 56	*	·	MEAN WIND SPEED
	N	2.1	3.3	1.1	1.0	. ; .	.1						۰.	7!	7.1
	NNE		. )			.:)				T	-			٦.	4.5
	NE	1.1	ť	. 3						1			2.	21	4.0
	ENE	, 47	.9		i			•			!		ì.	71	4,4

(KNTS) DIR.	1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	<b>*</b> '	WIND
N	2.1	3.3	1.5	1.0	. 32							0,7	7.1
HNE	1,	( و	ق و	.1	.0							ت د	4.5
NE	1.1	. 6	. 3									3 2,2	4.0
ENE	, 4,	. 9	• /									1,7	4,4
E	2,1	2.9	1.0									5 5,2	4.7
ESE	1.5	3,1	• 0	• 1								7 5 5	
SE	2.5	7.3	6.3	1.5	. 4	2				.0		3 4 7	7,2
\$SE.	1.3	3.2	4.1	2.1	. 9							12.0	9.2
5	أغما	أووا	2.1	1.4	. 3							6.7	8,4
_ssw_	ا د.	. 3	و	<u>.n</u>								1 1 1	4.7
sw			. 3	.0								į c	7.1
m2M												1 3	3.3
W												9	3,9
WNW	, 4	. 2								<u> </u>		.7	3,7
NW	- 9	1.1	. 9	.1	-0							3,2	6.5
NNW	1.0	1.2	1.1	1.2	. 3	.5				!		5.4	19.0
VARBL												Ē	
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	∠3.8	
	17.3	20.9	20.3	7.5	2.5	1.2	. 3	0		.0		100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOCRET

DAT. 1 1 CESSING BR OFH FIT 1/034F NF SENIMER SE-116 / 'Ac

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	C.CL: LLA 'F CALIF/SACK4 :F.x*	46-7° YEARS	* ; .
		CATHER CAR	1007-0,33
		CSD:TIOS	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21		28 - 33	34 - 40	41 - 47	48 - 55	≥56	3 % %	MEAN BHIW CEED
N }	3.7	3.7	2.7	1.4		-2	• •					. 11.5	6.
NNE ;	1.1	1.2	• 2 :					·				2.6	4.
)!E	1.4	. +	.4	٠.					i			2.5	4.
ENE		. 3	. 6									1.1	4.
E i	2.3	į.5	. 4	.1	- 1							3.0	4.
ESE P	1.0	1.7	.8	-1 ·1					1			<b>10</b> 4.₹	
SE E	2.1	5,0	5.4	1.2	ا في	• 1	. 1	I				14.1	7.
SSE E	].+	3.0	3.6	2.4	1.2	.7	• 1	.1				12.5	10.
S	1.1	2.3	3.0	1.2	.0	.1						8.2	₽.
ssw	. 3	.3	.4	.1		20						1.2	6.
SW	. 4	• 1	.0	-1								.7	4.
wsw 🗄	. i	•1							!			. 1	3.
w	.6	.3	. 1									1.0	3.
WNW I	.3	5.	. 1									₹ .6	з.
NW 5	1.3	1.1	6.	.3	.1	•0						3.6	6.
NNW !	1.2		1.5	. 8	.5	.4						5.9	9.
VARBL													
CALLA	> <	><	$\supset <$	> <	> <	> <	> <	> <		><	> <	26.0	
	18.4	23.2	19.8	7.7	2.9	1.6	. 3	.1				100.0	5.

)AI\* | UCESSING \*R\*-CH EI\*C/C\*AF AI «E\*IME SERMIC /"A\*

232 1 ACCEPTANT OF CALIFISACRAPTAT 40-12

### **SURFACE WINDS**

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		,,,,,,,,							,			-	· · · · ·
	_				AL A	AT-1FK							-110
					£7	A13						HOU ST	
	_					PITICA							
					-								
	_									<del></del>			
SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33		41 - 47	48 · 55		* %	MEAN WIND SPEED
N :	2.	2.2	2.4	1.0	•0	.4	• 6			·		9.9	3,0
NNE :		.9	• /	• 6		•						2.0	4.2
NE E	1.1	.5	. 5	T								1.0	3.0
ENE I	16.	.2	.1							: 1		٠, ٩	
E	.7	. 0	.1							:		1.5	
ESE !	.5	.5	.7									1.8	_ 5.1
SE .	1.5	3.5	3.3	1.3	.4	• 2	• * ; *					10.7	7,5
SSE E		3.4	4.4		1.0	1.1	. 3 1					15.2	
S È	7.2	3.4	5.1			.2	. 5	.0				14.4	3.5
ssw	اق.	. 8	• 9		.1	•0						2.0	7.2
sw	. 3	. 6		.4	.6					i		2.2	5.2
wsw	. 3	. 3	ψ						-			.5	3.7
w	,7	. 4	. 2	.0								1.3	4.0
WWW	.01	. 4		.0								1.2	4.1
NW	1.9	1.9	1.5	0	.3	2	0					5.5	7.3
NNW	.9	1.5	2.0	2.1	1.6	• 6	.2	.0				9,3	11.1
VARBL													
CALM	><	><	><	$\triangleright <$	><	><	><	> <	><	$\supset <$	><	18.0	
	16.8	21.5	22.7	12.4	4.9	2.8	. 3	. 1				100-0	4.9

DATA PT. CESSING HRY.CH EINE/USAF AI- PENIMER SERVIC / AC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7.37 .*	"LCLTLL	A 11-	CALLETSA	CRAFER	Ť	40.	<del>-</del> 7			f d			
878782			STATION MANE						TEARY				-
					oll s	'Δ* αξ <u>κ</u>						120	J-1400
						LASS						=3=	28 15 3 7 )
					col	LD:110m							
_		<del></del>		<del></del>									
	SPEED (	-3 4	- 6 7 . 10	11 - 16	17 - 21	: · 22 - 27	28.33	, , , , , , , , , , , , , , , , , , , ,	. 41 - 47				MEAN GIND

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 71	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥55	-	MEAH WIND SPEED
N 🤄	1.5	2.1	1.7	1.3	• 5	. 4	• 1		-			2.1	= .7
NNE	. 4	.3	ا غ	.1					i			1.1	5.5
NE E	ا د.	. 3	. 2 .							<del></del>	;	1.^	4.5
ENE \$		.0							Ī	1		7 .1	2.5
ε .	. ق	.3	. 1	.0					1	<del> </del>	·	3 .71	4,6
ESE §	4	.4	٠	!				<u> </u>	5	,	<del></del>	2 1,71	
SE E	<u> </u>	1.5	2.1	.9	. 5	• 1				,	:	6.3!	
SSE L	1.1	2.5	3.1	3.2	2.0	.9	-1	:		1		12.8	11.5
S E	2.5	4.0	5.7	3.3	1.6	.31	• 1		-	<del></del>		§ 17.7	2.7
SSW	1.6	1.0	1.2	1.0	.1	•1				1	i	4.5	3.0
sw i	1.0	1.2	.71	ا د.	.2				!	i	I	3.6	5.8
wsw [	, 5		• 3	• 2	0	•1				i		1.7	5.4
w	1.0	. 2	. 3	.0					ī ——	;		2.8	3.9
WNW !	1,7	.9	.6							<del>                                     </del>		7.7	4.5
N.₩	1,6	3.2	2.3	1.7	â	.3	. 7			i ——		10.2	8.8
NNW	1.2	2.7	2.5	2.8	1.8	.9	• 0	. 1			-	12.6	12.1
VARBL						i				<del> </del>		1-3	
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq$	><	$\supset <$	13.1	
	16.5	22.3	21.4	15.2	7.0	3.1	1.3	, 1				100.0	7.8

MATE PICCESSING BROTH FIGUREAF AI ENGINEE GREEC / A.

## SURFACE WINDS

### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 3 'STATION	٠. (١	<u>. F L</u>	LA_	_ :	STATION ALUE GO-7' GO-7'								 - t - t - soars																	
				_	.1 t • 27. (5.											-1	700													
				_											24,377	i stre		<del>-</del>	<del>-</del>	 	 	 	 							
Г	SPEED	E S						<u> </u>	1		•	-			1		_			 	 . ;	 	 	 		Ξ-				EAN

SPEED	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	23 - 33	34 40	41 - 67	<b>43</b> - 55	≥ 5&	. • •	MEAN CRIW Circe
N 3	2.,	2.2	107	. 9		4							٤.
MNE 3	ے ۔		<u>زو</u>									1,5	٥.
NE _			نعد ـــ ـ										٠.
ENE S		&			يادو		·	i		· 		. 5	4.
E		<u> د                                    </u>	ود :	• 0								1.2	- 6
ESE S		7	ر د					<u>i</u>				1.5	<u> 5,</u>
SE F		_2.2.	<u> </u>										3,
SSE	1.7		2,9		اعمنا							بعدل	- 3,
- \$	2.6	3.9			7							15.9	
ssw §		_1.2	فعل					<u>'</u>				<u> </u>	
sw i				7	2			<del></del>		<del></del>		3.0	
wsw		4	3					<u></u>		<del>!</del>		1.3	
		1.0		2				<del> </del>		<del> </del>		1 7 A	
WHW				2				<del>                                     </del>		<del> </del>		2.7	
NW	2.0	_2.4	_2.7	_1.5	5			0		! !		9.6	<u>. 7.</u>
NNW	1.5	2.7	1.9	2.6	_1.2			<b> </b>					_12.
VAR.		لر	<	<del></del>				<del> </del>					
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\sim$	$\geq \leq$				$\geq \leq$	16.3	
	17.7	22.8	20.9	13.7	5.3	2.5	. 8		i I			100.0	7.

TOTAL NUMBER OF OBSERVATIONS

2/9

DATA P. C.S. 146 PATER ETAL/OSAF AT REFINER SERVIC / TAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 3 7 ft STATION	<u> MCCLILLA</u>	STATION HAND	41-77	PONTH	
		<u>all.</u>	CNR L VIIIEK		1 ,00- 2 )00
			CONDITION		
Γ	SPEED	1			MEAN

SPEED (KNTS) DIR,	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	<u>i</u> ≥56	j 5. ;	MEAN WIND SPEED
N	200	الاوا	1.9	• 9.1	. (,	• 1				1		7.4	7.6
NNE	1.)	.1	• '†	• 4								7.7	5.1
NE	, 5	, 9	. 3	.0							:	2.0	4.4
ENE	• 4	.3	.1							!	: -		5.0
E	1.4	8.	٠, ٠							1	1	2.51	3.8
ESE	, 8	1.4	-4	·U						1	i	2.7	4.8
SE	2.2	3.5	3.5	1.2	.4	•1					i ———	11.0	7.2
SSE	2.3	3.0	3,0	1.6		.3	. 3	•1			1	12.1	9.3
S	3.3	4.1	4.7	1.7		.2					1	14.0	7.2
ssw	. 4	ر ما	1.1	.6	ر و	•0			\ <u></u>			3.5	7.7
SW	1.3	.91	1.0	.5	.1					<del>                                     </del>	<del>                                     </del>	3.5	5.8
wsw	.3	.2	.1	.1								.7	5.9
w	. 5	. 5	• 2	• 1						<b></b>	<del> </del> -	1.4	4.8
WNW	.7	.0	.1	.1							<del></del>	1.6	4.3
NW	1.1	1.5	1.3	.,	, 3	•0	• U					4.8	7.3
NNW	1.1	1.4	1.5	1.2	. 5	• 3	Y =				-	5.9	9.2
VARSL	- · · i			~~~	<del></del> -			<del></del>		<del>                                     </del>	<del> </del>	<del>                                     </del>	
CALM	$\geq \leq$	$\geq$	$\times$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\times$	$\geq$	$\geq$		24.1	
	19.4	٤١.	20,1	5.6	2.8	1.2	. 3	. 1				100.0	5.4

DATE RESCUSSING OR SCHOOL AT A FRANCE STORY OF A FRANCE AT A FRANC

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CALIF/SACHAFF .T.

					<u> </u>	ATICER						,100x	)-/ <u>\</u>
					CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	* <b>*</b> ;	MEA WIN SPEI
N	1.5	1.9	2.2	1.1	- 5					1	;	7.5	4
NNE	.1	. 9	.4		. (,			.0		:		2.4	
NE	. 4	.7	. 2						 	1	1	2.1	·
ENE	. 4	• 5	. 1							i		1.1	4
Ε	2.4	2.3	.5	•0							<u></u>	5.2	4
ESE	1.9	3.1	. 8								<del>                                     </del>	5.0	
οč	3.0	7.0		. 4	• 2	.1	.0	رد				10.0	
SSE	1.5	4.6	4.2	1.0	. 6	• 2	• 4	.0				12.3	
\$	1.5	3.8	3.3	1.1	. 4	.1		.0				10.4	
ssw	. 0	. 9	.9	-4		.0						2.8	-
sw	.5	. 6	.7	.2	l							2,0	_ ′
wsw		1		<u> </u>								. 5	
w		4	2	<u></u>	.0					<u> </u>	<u> </u>	1.0	
WWW										<u> </u>	<u> </u>	. 9	
NW	.7	1.0	1.2	.2	2			1				3.4	<u></u>
NNW	.7	1.1	1.0	.0	. 3	.3				<u> </u>		3.0	-
VARBL	Ļ,			ļ	L			L			<u> </u>		
CALL			/\	/ <b>/</b>	/\							21 4	i

DATA FRICESSING PRINCH CT UVENAF ALS MENTER SERVIC VIA

## SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

2967

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSFRVATIONS)

ACCUPELA OF CALIFISACRALITY 41-12

TOR			BIATION	****						2113			•	V-1.2		
						CON	DITION									
	PEED	Ī								i -	;			MEAN		
(*	NTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		WIND SPEED		
	N !	. 2	1.7	2.7	1.1	. 4	•.0	. 7		i	;		4.4	.,4		
	NHE	. 7	. 5	,	• (								1.6	5.9		
	NE	.5	.7	. 3					!				1.4	4,7		
	ENE	. 3	. 5	.2									1.1	4.7		
	E	2.3	2.6	1.4									6.2	4.6		
	ESE	2.1	4.3	2.2	5.0	.0				i			9.7	5,3		
	SE	2.5	8.5	10.4	1.1	1				i —			22.7	6.5		
	SSE	1.8	4.8	6	1.7	.6	. 3						15.0	4.0		
	5	1.0	3.2	3.5	1.3	.5			-	<b> </b>			9.7	8,0		
	ssw	.4	. 4	.7	• 1	-			<u> </u>	1			1.7	5.5		
	sw	.4	. 1	• 1					<del> </del> -	l	i		.7	4.7		
	wsw	•1	.1	• 0									2	4.0		
	w	3	- 3								1		.6	3.5		
\ \ \ \ \ \	WHY	.1	.1	. 3	•υ	•0				<del>                                     </del>	1		.6	7.5		
	NW	<u>*</u>	1.0	1.6	.5	•1				<del> </del>	1		3.5	7.0		
	WHV	. 8	1.7	1.0	.7	<u> </u>	•2	• (1		i	<del> </del>		5.3	B.4		
	ARBL				* '			***		<del> </del>						
<u> </u>	ALM .	> <	> <	>	>	> <	>	>	>			> <	13.4			
			~ ~~~		7.0	" "				T	<u> </u>	<u> </u>	100.0			

DATA PROCESSING MR CH FIRC/USAF AID MENINER SERV, MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

37 A	<u> 1000</u>	FLLA A	F CAL	IF/SAC	RASFRT		-1-	·72		EARS				4 p
214104						·LL n'							.300	-0505
						COM	PITION							
	SPEED (KNTS) DIR,	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	λ	MEAN WIND SPEED
	N	1.6	2.4	2.5	_ ა შ	. 5	_• 1			,	1	1	7.7	7.4
	NNE	.5	.5	. 4	.0	.1				i			1.7	5.3
	NE	• 5	.9	٠,	. 0								1.7	4.9
	ENE	.5	.4	.1							!		٥	3,7
	E	2.3	2.4	.7									4,3	4.2
	ESE	1.9	3.5	1.1	• 1								6.6	4.9
	SE	3.0	8.8	ذ.8	1.5	. 3	.0						21.0	5.6
	SSE	1.5	4.8	ذ و د	2.0	1.0	•2						15.8	
	5	. 3	2.3	3.3	1.5	• 2	•0						9.1	3.0
	ssw	ا : و	.4	.5	• 2								1.4	7.5
	SW	1		. 2					<u> </u>		<u> </u>		9	5.5
	wsw	1	. 2	.1										5.7
	W	.c	. 2	-1						<u> </u>	<u></u> _		.9	3.3
	WHW	. 3	.6	1							<u> </u>		1.^	4.1
	NW	1.1	.7	1.3	• 5				<u> </u>				3.6	5.7
	NNW	1.2	1,6	1.3	.9	.4	•1	ن و	<u></u>	<u> </u>	<u> </u>		5.4	8.0
	VARBL											<u> </u>		
	CAUA		><	><	><	><	><	><	><	><	><		16.6	

TOTAL NUMBER OF OBSERVATIONS 2961

100.0

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

-

0

DATA FRUCESSING FROM PERSON ALL REPORTS SERVIC / AL

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				All n	AT HER						) J () ()	1-
					con	DI-10K							
SPEED (KNTS)	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	49 - 55	≥56		Ì
DIR.										:	,		·
N	2.4	2.5	2.6	. ')	. >		الماسية.		!		, .	7.1	:
NNE	, ,	1.0	<b>, 4</b>	ے ہ	. 1							2.5	_
NE	٠,٠	. , 7	. 2									1.0	_
ENE	. 5	. 3	.1									1.0	
E	1.6	1.1	, 3									3.1	
ESE	2.2	2.6	1.4	•1	1							6.3	
SE	2.7	2.0	0.8	1.0	.4	• 0	• (					17.1	
SSE	1.9	4.8	6.7	2.1	•.7	. 4						15.7	
5	1.4	2.3	3.0	1.3	, 4							9.7	
ssw	.6	6		٤.									
sw	. 4		. 2	.0	. ()							1.0	
wsw	1		1	.0								, 2	
	. 4	_ ,2										. 5	Ĺ
WNW	6	. 3	• 1									۰,0	Ĺ
NW	1.2	1.3	. 9	. 4		0	1					4.0	
WMM	1.0	1.9	1.7	.9	.7	. 3	• ()					5.5	
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\times$	$\geq \leq$	$\geq \leq$	$\boxtimes$	$\geq \leq$	$\geq \leq$	$\geq \leq$	17.7	
									[				( -

PATA PERCESSING PROGRESSING FIACHUSAF AIR MEATHER SERVIC / PAT

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2325	SUCLEULA SE	CALIF/SACRA ! IT	40-17		^ A -
STATION		STATION NAME		TEARS	WOX1 II
		<u> </u>	L ZATHER		90u-1100
			CLASS		HOURS (L S T.)
			CONDITION		

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	, 42 - 55	≥56	*	MEAN WIND SPEED
и	1.5	1.7	1.6	1.6		3						7.2	۹.;
NNE	.4	. 4	• 4	. 1	. i			i,				1.7	5.
NE	.4	. 3	• 1		.1								5.
ENE	.1	.5	.1									.2	4.
E	.71	. 4	.2							1		1.2	4.
ĖSE	. 8	• 6	. 3	.1								1.7	4.
SE	1.2	2.1	3.1	٥.	• 5	• 2	• 1	.1				1 7.2	я,
SSE	1.3	4.3	6.9	2.9	1.3	.4	٠.۷					17.2	₹.
S	1.9	5.2	0.0	3.8	.7	- •2						ia.5	3.
ssw	. 8	l.ô	1.1	.0	. 2	.0						4.5	7.
sw	1.1	1.3	1.0	.3	. 1							3,8	· .
wsw	ا ف .	+2	.2									.7	4.
w	, 9	.4	•1									1.4	3.
WNW	,7	7	, 3			•0						1,8	5.
NW	1.0	1.9	2.1	1.1	• 0	.3	•1	.0				7.7	я.
NNW	1.3	2.2	2.9	2.6	1.6	•8	• >	.0				11.0	11.
VARBL												Trips	
CALM	><	$\geq \leq$	><	$\searrow$	><	><	><	><	> <	$\supset <$	> <	11.2	
	14.9	23.4	27.1	14.1	5.0	2.3	1.0	1				100.0	7.

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

32.	CLILLA ?	F CALIFISACHA CAT.	4:j-1:		
STATION		STATION NAME		TEARS	BONTS
		,,!L	6 AT ITA		1205-1460
			CLASS		HOURS (L S T )
			CONDITION		
	_				

SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 49	41 - 47	48 - 55	: I ≥55	*	MEAN WIND SPEED
н	1.4	1.7	1.2	1.3	, 0	1	• 1	. 1				٨,,	۰.۰
NNE	, 3	. 4	.1	.1	• 1 "	.,)	. 1					.0	· . !
NE	į,	• 2	• 1			.1						• • • •	7,4
ENE	.1	. 1	.0			. 1						. 3	9.5
E		1	• \			7-7						2	7,4
ESE	.4	. 5	. 5									1.2	2
SE	.0	• 0		, Š	. 6	•2	• 1					4,3	1.6
SSE	1.2	2.7	4.1	Žel	1.1	. 6		- 1				12.1	10.3
s	2.2	4.9	0.7	3.3	i.2	• 7						12.8	3.6
ssw	.,	2.3	2.2	1.0	ف و							7.5	5.3
sw	2.0	2.0	1.5		- 1						<del></del>	4.2	5.1
wsw	.6	• 0	- 4	٠2								1.7	5.7
w	1.4	1.4	.5	.1	. 1							3.5	4.3
WNW	1.1	1.4	.7	. 2	i							3.5	5.4
NW	1.0	2.9	3.3	1.9	. 6	. 7	. 3	1				11.7	12.1
NNW	1.7	2.2	2.7	2.9	1.7	1.0	. 4	.0				12.1	12.0
VARBL													
CALM	><	>>	><	><	> <	$\mathbb{X}$	$\geq \leq$	> <	> <	> <	>	9.1	
	15,7	23.9	26.2	15.2	6.5	3.1	1.0	. 3				100.0	3.2

DATA POLCESSING BRANCH FIRE/USAF AIO MEZIMER SERVIC / AN

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

325-	MCCLELLA AF	CALIFISACKA-FORT	40-72		*Aĸ
STATION		STATION NAME		TEARS	DOSTA
		all	of ATHER		1509-1700
	<del></del> _		CUS		HOURS (L S T )
			COMPLIANT		
	-				

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 33	34 - 40	41 - 47	48 - 55	≥56	- %	MEAN WIND SPEED
N	2.2	2.0	1.3	1.3	• 4	. 1	-1	. 1				7.5	3.1
NNE	. 4	.4	• 2 1	• 0	• i	• 1	.1	,			1	1.2	3.0
NE		• >	.1			•0						1.1	2.5
ENE	. 1	.1	.1	• 0	.0	•0				i -		. 4	a.2
Ε	.31	.3	اں							ī T	i	1 .41	4.3
ESE	.1	. 4	.4	. 2						1		1.2	7.7
SE	.7	1.2	1.4	• 6	. 4	.3	• 1	.1		!		4.0	10.0
SSE	, 3	2.5	3.4	1.9	.7	.4	• 1	.1		1	·	° ∘ 8	7.7
s	1.7	4.2	6.2		.9	• 1		3 7		:		15.3	3.3
SSW	1.3	1.7	2.6	2.3	, 5	.0						8.1	9.2
sw	1.8	1.4	2.5		.3	•1						7.6	a, n
wsw	.7	1.1	.9	.5	•1	.0						3.3	6.8
w	1.5	1.3	.7	.2								3.7	5.0
WNW	1.1	1.2	.0	.3	• 1	•0						3.4	5.8
NW	1.8	2,9	3.0	1.9	1.0	.6	• 1	1	• 1)			11.4	9.7
WMM	1.4	1.6	2.4	2.3	1.3	•6	. 3	0.				10.1	11.2
VAREL													
CALM	$\supset \subset$	> <	><	$\times$	$\times$	><	$\times$	$\geq$	> <			10.3	
	15.9	23.2	25.7	15.5	5.8	2.4	. 8	. 3	• 0			100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

3024

0

4

SATA POLCESSING AR ACH FT 4/CSAF 41- ACMMER SERVIC /MAC

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

232 P	ACCUPALA NE CALIFYSACKA STATE	41-77	۸÷				
STATION	STATION NAME	YEARS	80814				
	L	e ATOFR	1500-2000				
		CLASS					
		CORDITION					

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	29 - 33	34 - 49	41 - 47	48 - 55	≥56	3	MEAN WIND SPEED
N	1.7	1.0	1.0	1.0	ۇ .	.1				•		4,5	7.5
NNE		. 7	• 1	.1	. 1					i		1.01	
NE	. 7	. 3	. 1									1.7	3.7
ENE	. 3	٤.	:1	.1	. )						;	¥ .c.	3,4
E	.7	. 5	.4	•1				1			:	1.7	4.8
ESE	. Ē	. 8	.5	.0	. 1			i		1	1	2.1	5.3
SE	1.0	3.4	2.5	,7	.1	.2	زرو	<del></del>			1	4,5	4.9
SSE	1.4	4.2	3.3	1.1	. 3	• 2	.1	.0	<u> </u>			10.7	
s	2.9	5.9	7.0	2.4	. 0	. 1	. ()	1		i	i	19.8	7.4
ssw	1 1.3	2.6	3.2	1.3	.1							1 2.6	7.4
sw	1.0	1.5	1.8	.9	5.							9 5.3	7,5
wsw	.7	.7	.4	.1							1	1.0	5.0
w	. 9	.5	. 5	٠Ž						!	l .	2.0	5.0
WNW	. 5	. 3	,2	. 1							i	1.3	4.6
NW	اءا	.9	1.7	.8	.2	• 1					i	4.0	7,9
NNW	1.1	1.0	1.9	1.3	. 3	• 1						5.A	2.7
VARBL													
CALM		> <							$\geq <$			17.i	
	18.0	26.0	25.3	10.4	2.4	. 7	. 1	.0				100.0	5.9

MATA FR CESSING SREADS FINEZESAF AIR RETIBER SERVIC ZIAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

232 3	KCLELLA VI	- CALIFYSACI	Rawillia.	41-77		Δ,
STATION		STATION SAME			TEARS	RONTH
			ALL and	THER		?1 <u>2</u> J=2360
			cus		HOURS (LS T )	
			CORDIT	104		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 . 21	22 - 27	25 - 33	34 - 40	41 - 47	48 - 55	≥56	ii ,	MEAN WIND SPEED
N	_1	1.4	2,2	1.0	, 3			<u> </u>	<del>!</del> _	:	;	4.7	7.9
NNE	.5	.7			. 1	- 1			,			2.31	7.2
NE	1.1	. 5	. 5	. 2				1				2.1	4.7
ENE	.4	• >	٠.	٠.					!		:	1.0	4.3
E	2.0	1.9	.3				:	T	i	<del></del>	<del></del>	3 4.2	3.9
ESE	1.0	3.0	1.3	. 1	.0		:	!		-		5.7	5.2
SE	2.3	5.1	5.0	.7	.2		<u> </u>		i ——	!	!	15.01	5.4
SSE	1.5	5.4	5.7	1.3	.6	•1	<del></del>	i — —	i	<del></del>		15.0	7.3
S	2,4	5.0	5.7	1.0		•1			i — —	1		2 15.0	7.0
ssw	1.0	1.5	1.9	.9	.1				T	i	i	5.2	7.3
sw	. 5	1.0	<b>3</b> .	.2				<del>                                     </del>	<del>                                     </del>	1	<del></del>	2.71	5.2
wsw	. 3	.2	.1					!	<u> </u>		<u> </u>	1 .61	4.2
w	5	.4	5.	.0				i	<del></del>	i	<del> </del>	1.1	4.4
WNW	.3	. 3	.3					T	T	1	<u> </u>	.91	5.0
NW	.7	.6	. 8	٤.	. 1			<del>                                     </del>	T	i	<del> </del>	2.5	7.1
NNW	. 3	. 8	1.7	8.		.1	.0		ļ — — —	1	i	3.9	9.1
VARBL								i	Ι —		i	i I	
CALM	$\mathbb{X}$	$\times$	$\times$	$\mathbb{X}$	$\times$	$\geq$	$\boxtimes$	$\geq$	$\boxtimes$	$\geq$	$\boxtimes$	16.2	
	17.2	29.3	27.7	7,5	1.8	.4	.0					100.0	5.6

DATA PHOCESSING PROTEH FINITESAF AIR REALTER SERVIC 7 MC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

BORTE
<u>^u^u-0</u> 2u)
HOURS (L S T )

SPFED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16 :	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	*	MEAN WIND SPEED
N '	1.2	2.0	.6	.7	ا غ.	.0						5.0	5.
NNE .	. > :	ė	۰۷	.1:								1.4	5.
NE S	. 7	٥.	. 3									1.5	4.
ENE	. 4	. 5	• 1							•		1.0	4.
5 9	1.1	2.2	.5	.0						i		3,0	4.
ESE F	1.5	4.5	1.0	. 1								7.□	5.
SE :	2.7	9.9	15.5	1.3	1					·		2,0	6.
SSE	1.5	5.9	9.2	2.3	.3	-1						19.2	
S I	1.2	2.4	3.0	1.71	. 3							5.2	
ssw	ا ذ .	. 4	. 3	. 2		.0		1				1.5	6.
sw t	.6			.1						<u> </u>		1.7	5.
wsw	-,1							<u> </u>				-1	<u> </u>
_w	.4	2	. 1					<u>!</u>		<u></u>		.7	
WNW	- 2	.2	.1							<u> </u>		.51	4,
NW	7	, š		• 2	1	•2				<u> </u>		2.5	7,
NNM	.4	1.4	.9	.3	.1	.0				<u> </u>		3.3	
VAREL	Ļ,						· -	<u> </u>	<u> </u>	<u> </u>			
CALM	><	><	><	><	><	><	><	$\triangleright <$	><		><	11.1	
	14.1	32.0	34.0	7.3	1.2	.4			`			100.6	۸.

TOTAL NUMBER OF OBSERVATIONS

2865

DATA PROCESSING OR SEE SINCYOTHE ALCOHOMER SEEVIC / AL

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

232 -	MUCLELLA	"F CALIFYSA	ACRASIST.	41-17		Pn
STATION		STATION NAME			TEARS	8047#
			att ∗	ATION		^ J^-0=050J
			£L	ı ts		HOURS (L S T.)
			COM	DITION		

SPEED (KNTS) DIR.	1.3	4.6	7 - 10	31 - 16 .	17 - 21	22 - 27	28 - 33	, 34 - 40	41 - 47	48 - 55	: ≥56	= '	MEAN WIND SPEED
N I	1.2	1.5	1.4	, t.	. 1							5.1	5.
NNE :	• 5	9	• 1	ار.								1.7	4.
NE	ا د و	. 0	. 4							:		1.6	٠.
ENE		.0	• 2									1.1	4.
E	1.2	1.7	ۇ .							1		1.71	4.
ESE	1.5	3.7	1.5	•ú!				1		•		4.3	5.
SE I	3.4	9.6	12.1	1.3	• 4			i .		1		6.7	۸.
SSE	2.1	0.0	7.6	1.8	. ذ							9.5	7.
S	. 5	2.7	3.3	1.0	• 2	• 0		1				3.0	7.
ssw	او .	.7	• 7		• 0	_		,		1		i j	5.
sw	. 3	.5	از و	1	.1							1,0	٠,
wsw	. 2	.1		.0				i I			!	4	4.
w	ر.	.3	• 1									_,9	3,
WWW	. 2	2	-1							1		5	4.
NW	1.0	1.0	. 7	. 3	•0	1	.1					3,2	7,
WMM	Ģ	1.7	1.1	.6	. 4	• 1				1		4.7	7.
VARBL										l T			
CALM		> <	$\geq \leq$	><	$\geq$	$\times$	$\geq$		> <		$\geq \leq$	14.5	
	15.1	32.7		0.0	1.4	. 3	,					100.0	5.

DATH MILCESUIDE FROM CHI MINGREST HER SERVIC RAP

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23	ILCLELLA	- F_	CALIFYSACK 1 11,	T	70-77	YEARS	 #34TB
				all e d	1-15 k		
				CONDI	tes		

SPELD (KNTS) DIR.	1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	43 - 55 '	2.56	•	MEAN WIND SPEED
N	1.5	2.3		• 6	. 4	. 2						. 7.0	7.
NNE	1	. 7	• [		• (. )							1.7	3.
NE		.7	• 4									1.5	~ .
ENE	ا د ه	. 3								:		. 7	3.
E	1.2	1.1	. 3									2,61	4.
ESE	1.3	2.0	1.0	• 1	ارب					•		4.4	٠, ٠
SE	2.5	0.1	7.5	1.3			.1					7.5	<b>5.</b>
SSE	_ 2.1	6.2	8.6	2.7	.5		• 0					20.2	7.
S	1,3	4.3	5.2	2.4	٠2	-0				·		13.6	· ,
ssw	. 4	.9	. 5	ا ف	.0				•			2.31	5.
sw j	ا خ.	.4	, i	.0								1.0	4.
wsw		,1										. 7	3.
w	3	. 1							1			. 4	. 2.
WNW	_ ,5	.1	.1									.71	3.
HW.	1.1	1.2	_1,3	.5	1	2		- 1	<u> </u>			4.4	Я.
WNW	1.2	1.9	2.1	.9	. 3	. 1	• ()					4,7	ρ,
VAREL										l!			
CALM	$\supset \subset $	><	><	><	><	> < 1	><			><	><	15.0	
	16.0	28.2	29.3	9.1	1.5	•0	• }	,				100.0	5.

PATH FOR CESSING ON JOH FITCH HE AT THE THE SERVIC FOR

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPSED (FROM HOURLY OBSERVATIONS)

STATION	~CLILLA	ALIF/SACKA	T	40-7	TEARS	, P.,
		 		£Tin( K		-,03=1100 
		 	če	43(1)04		

SPEED (KNTS, DIR.	1-3	4.6	7 - 10 (	11 - 16	17 - 21	22 - 27	22 - 33	34 - 40	: 41 - 67	-2 - 55	≥50	: •	MEAN WIND SPEED
N	1.6	1.7	2	٠.>	.7	.2	• 1					7.3	3.2
NNE		.3	٠, ١						1			1.7	5,4
NE			. 1	.0.		i		_				• ^	5 , 4
ENE		.1	, tj	1					i			• ?	4.5
ŧ			.,1						1			. ^	7.1
ESE	.5	. 8	. 2	.1								1.31	4.4
SE	افوا	4.3		, d	. 5	0	ز و		I			7,6	7,
SSE	1.2	3.9	6.2	2.4		2	.1					14.7	3.1
5	2.1	5.0	8.0	3.0	. 7	.1			1			20.5	5
\$5W	1.5	_1.7	2.3	.9	. 2							5.6	7,
5W_	1.5	1.1	1.0	3	.0							4,0	4.
WEW		. 4	.1									9 9 !	4.
w	ندمل	.7	.2	. Q					!			2.0	4.1
WNW	, 7	1.3		.0					1	·		2,5	4.
NW	1.5	2.5	2.7	1.7	5	.1	ۆم	.0				D A	۹,
NtrW	1,3	2.1	3.4	2.4	٥	.7	. 3	.0				10,8	12.
VARSL										i			
CALM	$\geq \leq$	$\geq <$	><	$\supset <$	><	><	$\geq \leq$	><	$\triangleright <$	<u>'</u>	><	9.4	
	17.3	(9.3	30.3	14.6	÷.0		Ä	.1	,			100.0	7.

+ I'E/GSAF AL MATHER SLEVIC / 4

## SURFACE WINDS

1,00-1-00

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				<u> </u>	A 7 : 15 N		<del></del>				1 c Co
	_				CON	olton						
SPEED (KNTS) DIR.	1.3	4-6	7 - 1:	11 - 16	17 - 21	22 . 27	28 - 33	34 - 40	41 - 47	, , 48 - 55	≥ 56	. •
N	1. *	2.1	1.5	1.1	. 1	1	1			•	;	4.2
NNE			- 4	ر						1		1.4
NE	23	-4	• 6	و او	<b>(</b> γ.					1		, R
ENE												3
E	/	٤.	ں و								<u> </u>	.4
ESE	. 3 !	. 3	.1	• 4								. я
SE )	.5	. 5	1.5	.9		• 0 :	•1					
322	.7	1,5	4.1	1.5	, 5	- 1						8.6
\$	1.4	4.9	7.1	4.2	1.2			.0				19.2
ssw	1.2	2.0	7.9	1.5	. 3	• 1				<u> </u>		8.5
sw	1.5	2.7	2.0	.0	• 1	• 1						7.0
wsw	.91	,7	• >	٤.								2 4
₩	1.8	1.7	.7	. l	. 0	-0						4.4
WNW	1.3	1.3	1.3	• 3								4.1
NW	2.0	3.8	3.9	2.3	,7	.9	. 3	• 0			!	14.7
Niew	. 8	2.4	2.9	2.5	.9	. 4	.3	•0				10.2
'AKBL												
CALM								\				5.6

TOTAL PUMBER OF OBSERVATIONS

2949

100.0

DATA PRICESSING RR WENTER AT WESTING PERVICE / FAC

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2 3 2 . 4 STATION	MICLILLA	TA CAL	F/SACRAFFIE	<u>T.,</u>	40-17	·	TEARS		- FK BOATH
				11 B	ATHEN				15^5=17QQ ROUBE (111)
				Com	1710a		AND THE RESERVE		
				**************************************					
_		<del></del>		<del></del>			<del></del>	 	

SPEED KNTS) DIR	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	, 55	≥ 56	*	MEAN WIND SPEED
N	1.7	2.1	1.5	, 5	. 4	ຸນ		.0				5.2	٠, ٨, ٩
NNE	. 3	. 4	.1	.1	• 4							1.0	<b>'.</b> , I
NE	. 4	. 3	• 1									4 P	<b>'6 9</b>
ENE	٠,۷	. 2	• l								i	. 5	4.
E	. 3	. 4		.0						Γ		. 9	4.
ESE		. 3	ڻ <b>.</b>	•1		.0						1 1 0 4	7,
SE	.5	1.4	1.0	.7	•2	• 1						4.4	а.
SSE	ر	1.7	2.6	1.4	. 3	• 1						5.6	ч,
S	1.4	3.3	8.7	4.3	1.0	. 2	• 1					19.4	٦,
SSW	. 9	2.0	3.2	2.7	.6	1						G B	3.
sw	1.7	2.4	3.4	1.6	.4							9.3	7,
W5W	.5	1.0	ن .	3								7.6	2.
w ,	1.5	1.8	.7	• 2		•0				I		4,4	٠,
WWW	1.3	1.4	. 3									3.2	5.
NW	1.8	3.0	3.6	1.5	.7	.5	• 2	1				11.2	٥.
WMM	1.4	2.2	3.0	2.7	. 4	• 4	2	.0				10.4	9.
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\times$	$\mathbb{N}$	$\times$	$\geq \leq$	$\geq <$	$\geq \leq$		$\geq$	7.2	
	14.5	24.3	31.3	16.4	4.1	1.6	. 5				1	100.0	7.

PATA FRUCESTING RR WEST TRACKCORF RESTRICT FRUCES AND ALSTRUCE SETVICE / TA

## SURFACE WINDS

TOTAL NUMBER OF COSERVATIONS

2851

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u> 4000</u>	FLLA_	F FAL	15/540	KA Fat		41-	.17	-	16381				. C -
					~ L	<u>"Tit£k</u> <del>ak</del> i						130 /	-2 \00 11111
					Cox	DITION				** NAME OF			
SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	<b>4ε · 55</b>	≥\$6	* 1	MEAN WIND SPEED
N	1,,,	1.4	1.1	• "	• i				1	<del></del>		9	1.0
NNE	1 , /	٤.	. 2						1	:	1	1.2	3.9
NE	. 3	٠,5	.1		• 5	• 1			i	1	;	1.1	7.1
ENE		. 3	. 1						<del></del>	<del></del>	<del></del>	7 .71	
E		. 3	.7	• 1				i	<del>                                     </del>	1	,	1 1.4	
ESE	. 3	.7	• ',	. 1		.0			<del></del>	!	,	1.5	4.0
SE	.5	1,5	2.0	.6	-1				i	!		4.8	7.5
SSE	1.1	3.2	3.9	1.2		1	· · · · ·		1		T	9.6	7.5
s	4	7.1	lù.s	3.4	. 8	•0		-	<del>;</del>	<del></del>	!	:4.6	7.9
SSW	1.2	3.5	5.1	1.5	.1	. 1						11.4	7.7
sw	1.2	2.9	4.0	1.5	•2				1	1	1	9.8	7.7
wsw	• 0	7	. 6	• 2	0.							7.2	
w	.7	1,3	. 4	• 1							1	2.	5.0
WNW	. 3	. 3	• /	. 1	,0					T		9	5.1
NW	1.0	1.5	•9	. 4	+ /.	• i					T	4.1	7.1
NKW	1.1	1.7	1.7	.7	. 2	• 2						5.7	7.8
VARBL							_					ET -	
CALM		$\geq$	><	$\geq \leq$	$\geq <$	$\times$	> <	$\geq <$		$\boxtimes$		13.2	
	14,8		31.7	10.3	۷,1	.7	.0		1			100.0	4.3

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLUTE

TATE I CESTIA SE SON FINCALIT AT SE FER SERVICIANA

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	4.01-114	TALIFICACHE FOT	41-1	TEARS	i'.
			CIASS		* 1 10 - 2 3 0 3 HOLES (L S T )
			CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	. *	MEAN DNIW C3392
ĸ	, ,	1.5	116	• 4	(	• ()		<u> </u>	<u> </u>			4,3	7.1
NNE	. 7	ę <u>'</u>	• (	.1				÷				1.1	5.4
NE	. 4	و در	• 3	, (,						I			۲.1
ENE	• 2	• 2	!						<u> </u>	<u> </u>		۸.	4.8
E	1-4	<u>l.l</u>	• 2						<u> </u>	<u> </u>		2.5	3.9
ESE	1.0	2.6	1.1	•0			<u> </u>	<u> </u>	<u> </u>	<u> </u>		4.0	۲,7
SE I	1.9	7.1	10.3	_1.1				<u> </u>	<u> </u>	<u> </u>		40,5	7.0
SSE	1.7	>.7	6.9	1.7	.1				<u> </u>	<u> </u>		16.2	7.1
s	2,9	<u> </u>	8.0	1.6				ļ	<u> </u>			19,0	7.0
ssw	1.3	1.7	1.7	.4				!	ļ			5,2	4.4
_ sw	•0	1.5	• •	- 2				<u> </u>				3.2	5.5
wsw	- 0	. 3	- 2						<u> </u>			1.0	3.9
w		5	. 2					<u> </u>				1.4	4,4
WWW	3	قع_					ļ	<del> </del>	ļ	ļ		- 0	4,9
NW	.5		- 4					!	<u> </u>			2.1	a,1
WWW	5	1.0	٤٤	,4	eĽ			<b></b>	<b>!</b>			2.4	5.9
VARBL								k	<del></del>	<u> </u>			
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	<u>~</u>	$\geq \leq$	$\geq \leq$	$\leq$	>>	13.9	
	15.0	30.7	33.1	6.4	.9	.1						169.0	5.1

TOTAL NUMBER OF OBSERVATIONS	286

SURFACE WINDS

#### TO A COMP. TO A COTTON SERVICE / TAY

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPÉED (FROM HOURLY OBSERVATIONS)

STATION	ACCUPALA (AL) / SACKACE,,T	41-7." YEARS	А У
		I If K	MOURE (LET)
	co	NOIT	

SPEED (KNTS) DIR	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	, 1	اعما	1.6	.0.	څ.	• 0			_	· <del>·······</del>		4.2	7.3
NNE	• 6	• 1	1	• 2								٠, ۴	6.5
NE	• )	. 4	. 4							I		1.0	6.3
ENE	.1	. 1	.1			1				i i		.3	5.5
E	.7	1.1	. 4						]			2.2	4.5
ESE	1.6	3,0	1.7	- 1								5.4	5.7
SE	2.0	10.1	16.3	1.9	.,,				İ	!		0.3رز	7,2
SSE	2.0	5.4	15.6	3.9	. 3			<u> </u>	<u> </u>			25.A	7.9
S	1.4	3.4	5.1	7.02	. 3			<u> </u>		<u> </u>		12.5	9.1
ssw			. 4	. 4					ļ	il		105	7.8
sw		. 0	. 2					<u> </u>	<u> </u>	<u> !</u>	:		2.2
wsw								<u> </u>	<u> </u>				4.8
₩.		.0	لما				J	<u> </u>	<u> </u>			.4	4.2
WWW			<u>, ŭ</u>							<u> </u>			_3.2
NW N	3		٠		- 0				<u> </u>			1.8	<u> 7.0</u>
NNW			. 4			2		ļ	<u> </u>	! .		2.01	3.0
VARBL								<u></u>	<u></u>	<u>'</u>			
CALM	$\geq \leq$	> <	$\geq <$	$\geq \leq$	><	> <	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$> \leq$	5.5	
	10.7	30.2	42.1	9.8	1 1	. 7	1					102.0	7.0

DATA PPICESSING BRIGH ETIC/USAF AI- HEATHER SEMVIC / AC

MCCLELLA SE CALIFYSACRAMINIC

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				ALL OF	V LULK						) ( HOU!
				-	CON	DITION		···				
SPEED (KNTS)	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 · 40	41 - 47	48 53	≥.55	*
DIR.								i 	<u>;</u>			
N.	<u>.</u>	1.1	1.5	.0	• 4			<u> </u>	<u>i</u>	!		4.4
NHE	1	. 3	.1	.1			<u> </u>	•	<u> </u>			.7
NE	.4	. 4	• 2	٠٠	.9	i .	<del></del>		<u> </u>		;	1.1
ENE	. 1		<u>. U</u>					<u> </u>	1			. 2
Ε	.9	1.5	• 1				i		<u> </u>	<u> </u>	· ·	7.5
ESE	1.5	3.1	1.ż	۷.				<u> </u>		i		5.0
SE	2.0	11.1	13.4						<u> </u>	1		, P.7
SSE	2.4		12.2		٠,٤		ļ	! 	<u> </u>			(3.3
\$	1.0	2,6	5.0		.6		!	<u> </u>	ļ	<u> </u>	,	11.7
<u>ssw</u>	.3		• 4	. 3	<u> </u>		<u></u>	<u> </u>				1.5
sw	-1	• 2	26	-1		<u> </u>		ļ				. 7
wsw	§					ļ		<u></u>	<u> </u>	<b></b>		<u> </u>
w	• 1	- 22	• 1			<b> </b>		<del> </del>	<u> </u>	<u></u>		3
WNW	?				ļ			<del> </del> -	<u> </u>	<u> </u>		. 4
NW	.7	>	•9			<u></u>	<u> </u>	<del> </del>	<del> </del>	<del></del>		2.2
иим	0	. 0	•6	.6	• ૯	-2		<del> </del>	<del> </del>	<u> </u>	<u> </u>	7.8
VARBL					<del></del> _	L		->	<del>                                     </del>			
CAIM	$\geq \leq$	$\sim$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	10.4
	i				(		·					4

TOTAL NUMBER OF OBSERVATIONS 29

USAFETAC FORM 0-E-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA MYCC. SSTAG \*R\*\*+ A FTY (MYCC) SSTAG \*R\*\*+ A FTY (MYCR) SE\*\*+ TC /44.

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION .	ICCUTELA OF CALIFYSACKA TOTAL	4 J-1 ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	· A Y
		e, V <sub>1</sub> , iE }	。 - ついー() ・ () () () () () () () () () () () () ()
		CONSITION	

SPEED (FNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	. ≥56	· •	MEAN WIND SPEED
N	1.0	دوا	1.4	1.7	. 4	.1						5,4	
NNE I			• (	1					<u></u>		:	1.0	<u> </u>
NE		- 2								i		. 0	3.
ENE		. 4	.0							1		Ω	₹.
E	1.4		. 2	• ()						i		1,2	٦,
ESE	.9	1.7	. 5	.0						<del></del>		3.4	
SE	2.5	7.8	8.3	.9	. 1					<del></del>	•	,9,7	٨.
SSE	1.9	6.5	11.1	3.2	.71					T -		22.9	
s	1.7	3.5	8.9	3.9	.9	. 1				<del></del>		10.5	5.
ssw	.5	. 0	1.i	. 3								2.9	7,
sw	. 4	.5	.5						i			1.7	6.
wsw	. i	. 2	.1								ļ	.3	4,
w	. 4	.2	.0										3.
WNW	,1	3	. 1	.0							i	.5	4.
NW	.5	8	.9	•6	- 1					i — — —	i	2.9	7.
NNW	.7	1.5	1.4	1.0	.5	.4	• 1	- 1		1		5.6	10.
VARBL					•	<b>_</b>				<del>                                     </del>	T		
CALM		> <	$\times$	>>	><	> <	$\supset <$	> <		$\supset <$		19.2	
	13.4	27.0	35.0	11.4	2.5	. 5	1			[ <u>-</u>	<u>                                     </u>	100.0	4

SATA FOR SATURDED AS FIRE A SATURDAY AS

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

232	COULTY FOREIGNERS IST.	April 1 1	· <u>L Y</u>
STATION	STATION NAME	TEARS	9047#
	/{ L  =		1/00-1106
		ilass ———————————————————————————————————	HOURS (L S T.)
	co	*OrTroa	

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	. ≥5&	- , <b>%</b> .	MEAN WIND SPEED
N	1.7	1.5	. ,	1	. •	• (						4.7	7.
NNE ,	,	. + 1	• /					:				<u> </u>	4 4
NE	• 7	• 1	• 1	. U						1		<u>.</u>	5.0
ENE	• 6	. 2			_							.4	4.
E	7	. ¿	-1									9	1.
ESE	. 7	. 5	ر.	.0								1.7	4.
SE	1.5	2.9	2.1	. 4	• •		_	i				7.0	5.
SSE	1.1	3.9	5.0	1.7	ا و .			1				12.61	7.
S	2.9	7.2	10.2	4.5	1.2	-1						24.2	۶.
ssw	1.0	2.7	3.1	1.0	. 2			<u> </u>				7.rl	
sw	1.7	2.1	1.2	. 3	• <u>1</u>			i				5.3	5.
wsw	, á	.7	.1	.6								1.7	4.
w	1.0	1.2	.2									7.4	3.
WNW	.7	1.0	.7	•2	• Ű							2.61	6.
NW	1.4	2.0	2.7	1.8	7	. 3						8.9	9.
NNW	. 6	1.3	2.0	2.3	. 3	. 4	. 3	.1				7.6	11.
VARBL								l				7.07.0	
CALM	$\geq \leq$	$\geq \leq$	$\times$	><	$\geq \leq$	$\geq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	2.5	
	15.9	17.9	29.6	13.2	3.6	•9	. 4	.1				100.0	7.

TOTAL NUMBER OF OBSERVATIONS

3051

CATA A LOCESSIAS AR LACH TIPS AL AF AI LESSACH SERVIC ASA

4

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					co	DITIO#						
SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	² ≥55	· •
И	j	1.1	1.4	٥,	.1	.2						7.
NNE	.21	. ق	• (	ψÜ								•
NE			.1	.6	_						1	
ENE		. i										
E	.1	. 3	, 1									
ESE		• 2	. 3 !									
SE	.7	1.1	1.0	• 2	يرو							3,
SSE		1.9	2.6	.7	• 2	.1	• 0					٨,
\$	1.2	5.7	9.0	4,9	كوا	2	ر			I		27.
ssw	1.1	3.1	4.9	2.3	.4	1					<u> </u>	11,
SW	1.8	3.3	3.2	1.3	ءَ .		-1	.0				9,
wsw	i	1.2	. 7	• 1								2
<u> </u>	1.3	3.1	1.1	-1								٠,
WWW	.9	1.7	2.3	. 5							<u> </u>	5.
NW	1 2.0	3.0	3.0	2.6		.6	. 3			!		12.
NNW	1 .7	1.5	2.3	1.8	.7	. 4						7,
VARBL	1										1	l
CALM				$\setminus$	$\searrow$			$\setminus$				5.

CATA PICCESSIAS RR (C) FIZZVESAF AIR MESTICE SERVIC / A

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

3:	MCCLELLA	`i i	CALIFYSACRA SEAT	46-7:		A.4
BOITATE			STATION NAME	<del></del>	15233	BOATE
			L1	_ mi a tdth		1200-1700
				CLASS		HOURS (LET)
				C0#01710#		

SPEED (KNTS) DIR.	1.3	4-6 ,	7 - 10	11 - 16	17 - 21	22 - 27	CZ - 33	34 - 40	41 - 47	45 - 55	. ≥56	•	MEAN WIND SPEED
М		٠.	.0	.4	• 2				1			3.5	- 3.
NNE :		• i	• 1									. 4	4.
NE !	. 1	. 3	.1	•1									5 •
ENE		• 0 1		• G !		-			1			•1	7.
E ;	.2	. 3	.1	.0					1			.7	5.
ESE	. 3	.2	٤.	ن.					ì			. я	5.
SE	. 3 !	.6		.2		•0			i	:		2.0	7.
SSE	.2	.7!	1.7	i.0!	.4	•0	. is		1			4.0	Ţη.
S I	1.4	4.0	9.2	7.2!	1.0	.5				•		24.11	17.
ssw !	. 6	3.3	4.9	3.6	1.0	- 1						13.6	٦,
sw	1.4	3.0	4.1	2.2	.6	•2			1	i		12.21	٠.
wsw	· 4	1.4	1.1	.5	.0							3.4	7.
w	1.5	3.1	1.5	.31	. ii				<u> </u>			6.4	5.
WNW	. ĉ	2.7	2.2	.5 i	•1					Γ		6.21	6.
NW	1.4	2.8	3.9	2.11	. 6	•6	.0					111.6	٠.
WWW	.71	. 5	1.9	1.51	. 8	.4	. i			1	_	7.11	11.
VARBL												:	
CALM	><	> <	><	$\supset \subset$	><	$\times$	>>	> <	$\supset \subset$		$\supset \subset$	4.9	
	10.3	24.8	32.6	19.7	5.3	1.9	. 1					100.5	8,

ATA PALCOSITATION OF A STATE AT A

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

، توج	AUCLILLA OF CALIFISACRA CIT	41-7-	ΔY
STATION	STATION NAME	YEARS	90478
	ال.	1=03-2100	
		CLASS	HOURS (LST)
		C#9(1-0#	

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥53		MEAN WIND SPEED
N ;	, ,	1.4	. 3 !	. 3	.1	.1.	•		•			3,5	7,4
NNE		• 6	.1 !	9.36.5					•				4.
NE !	• /	. 3	• 1	.0					1	T T		7	5.
ENE		. 2							i —			•21	5.
E	. 2	. 3	ا ت	.0					·			.71	5.
ESE :	. 1	, 3							i	:		.7	5,
SE .	.1	. 4	.9	.4	٠٥	•0				:		2.0	₹.
SSE	. 2	1.3	3.01		.4	.0				1		5.5	9.
s [	1.5	5.3	15.0	7.0	1.3	•2				i		31.3	₹.
ssw	, d	4.4	9.2	3.3	.5	• 1						19.3	3,
sw	1.4	2.7	5.7	2.2	• (				ļ	i		12.2	A,
wsw	.5	1.0	.51	. 3						,		2,31	6.
w	ر.	. 9	. 4	.2								2.7	5,
WNW	.1	1.0	.4	.1						i		2.2	4,
NW	. 9	1.0	1.6	.5	٤.	1				1		5.0	7,
NNM	. 4	1.0	1.0	.5	.0	- 1						3.7	7,
VARBL													
CALM	$\supset <$	><	$\supset \subset$	> <	><	> <	> <	><			>	3.0	
	8.9	22.8	40.1	16.6	2.8	. 7	.0					100.0	7.

PATH PERCESSING RECEIVED AT ALL RESTHER SERVIC / A

4

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23? :	A CLELLA	<u>'t CALIF/5.</u>	aCK***47 41-	<i>P</i>	
STATION		STATION NAME		TEARS	83476
					210 -2:00
			Crist		HOURS (LS T )
			CORDITION		

SPEED (KNTS) DIR.	1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥58	*	MEAN GMIW SPEED
N		1.1	1.	.4								3.2	7.1
NNE .	. 3	.1		ا نا•								.5	7.6
NE		. 3		.0								. 2	5.2
ENE		. 2	.1	.0								. 4	5.5
E	.7	. 4		•1							:	1.51	4.7
ESE	.6	1.5	1.4	٠.)								3.4	5.9
SE	1.3	5.2	11.7	2.0	٠.							20.2	7.7
SSE	1.4	5.2	12.0	4.1	. 3							22.9	e.3
S	2.3	. i.l	9.2	2.7	. 4							20.71	7.6
ssw	.9	2.0		. 4	.1							5.8	5.7
sw	. 41	1.9	1.2	اذه	9.	•0		!				4.3	5.1
wsw	ا کو	.5	. 1									1.2	3.7
w	.3											.7	4.6
WNW	. 4	.1	.1									.6	3.6
NW	ا ق م	.4	.4	. 2	1	-1						1.6	7.9
NNW	2	.7	.0	.1	-1	-1	• 0					1.9	8.5
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\times$	$\geq \leq$	$\times$	$\geq$	$\geq \leq$	9.3	
	11.1	26.6	41.5	10.3	1.0	• 2						169.6	5.7

MATA POLCESSINC EX (S FILL/USAF AIR REALMER SERVIC / 141

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23 - 5 -	MUCLELLA	3ê ()	ALIF/EACRANCITI	41-7:		ر بار <u>ا</u>
STATIFE		STA	TION HARE		Tiers	#CATE
			SUL	V ATOFA		~~0~0~020n
				EU18		Birds (LST)
				C040'TXC%		

SPEED KNTS) DIR.	1-3	4-6	7 - 10	11 - 10	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	•	MEAN DAIW SPEED
N	. 7	• 0	. 7	•2		_ • 1			•			7.7	7.
NNE .	• 1	. ق	• 2	• 1					1			.7	*3 ·
NE :			• 1	•0	.5			i				٠	٠,٠
ENE 2	• 0	. 1		. U i				i		-		* .1	5.
٤ .	. 7	. 5	.1				1	1	i			1.4	3.
ESE	1.2	1.9	1.0	• 2								4.2	5.
SE .	1.8	5.8	17.7	2.7	ی و			į.				30.41	7.
SSE 3	1.2	0.5	19.1	5.9	.5					1		35.3 أ	₽.
S	. 3	3.8	6.6	2.8	. 5	•1	-					1 14.5	₹.
ssw	. i	• 2	.5	.2	_, , <u>,</u>			!				1.1	Э.
sw	. i	.2	٠Ž١	• i				[		1			£.
wsw		.1						I				• 1	3.
w	• 0	. 2						i				3 .>!	3,
www !	. 1	.0	• Ù										4. 5.
NW .	. 1	.5	. 4	1	.1	-,1				Γ		1.4	3.
WM4	.1	6	. 4	. 3	. 1							1.5	3.
VARBL						_			]	i i		1	
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\times$	$\boxtimes$	$\geq \leq$	$\boxtimes$	$\geq$	$\geq \leq$	5.5	
	6.9	20.1	47 .	12.6	1.4	.2		1				100.0	7,

DATE FILE SOING RR IN ETHING HE AIN TENTER SERVICE / A

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	STATION AND	4 )-1'	2 E
		LL . Fr.	**************************************
		Coeletion	

SPEED (KNTS) DIR	1-3	4.6	7 - 10	11 - 16 ,	17 - 2;	22 - 27	28 - 33	31.10	41 - <i>G</i>	43 55	≥\$\$		MIAN WIND SPEED
N		7	2.			.1						- , c	
NNE !	, 1	-1		.1									7,
NE .	!	2 !	• 2	• 1				,	:				
ENE	. 1	. 1				_		i	1	,		2	
€ }	. 6	. >	• 6					!					3.
ESE	1.2	1.3	1.0					1				3.5	٠.
SE į	2.01	11.0	0.61	2.2	.1							34.0	
SSE	2.31	ė.4	14.0	4.1	4					-	!	/2,0	
S	1.3	3.0	6.1	۷.0!	.0						1	13.01	
ssw	.1	.2	٠ .	.2	٠,	. 1			·			.0	12.
sw	. 3	.2	, i						l	l .	!		4,
wsw :		٠.٠							İ	l		1 .1	3,
w									l		;	1 .1!	2,
WNW	. 1	.0							1				4.
NW .	.41	. 5		.1				1				1.6	- 4,
NNW :	. 3	. 3	٠.	. 4	.1	. 1	- 1	1	T -	:	I	1 2.0	
VARBL										<u> </u>	1	Į.	
CALM	><	$\times$	><	$\geq \leq$	><	$\times$	> <	> <				3.6	-
	10.5	26.5	42.9	9.9	1.3	•2			Ī		i	100.0	٨,

TOTAL YUMBER OF CREENVATIONS 2871

MATA PERCESSING MRIGHE ETAC/USAT AID MEATHER SERVICE/MAC

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

232,5	MUCLELLA VEN CALIFYSACHAMENT.	40-72		ي ال
STATION	STATION AME	76	.23	BONTH
	ntt	& ATHER		0000-0700
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR	1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 • 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
н	1.0	1.0	, Ç	• 0	• 2	• 1		.0				3.8	3.7
NNE !	. 4	. 1		• 0	. 1	•0						. 7	5.3
NE	.3	. 3	.1	.0								, A '	4.4
ENE	. 3	.2	.1									. 4	4.0
E	.7	.6	• 2									1.5	4.0
ESE	1.1	1.4	. 4									3.5	5.0
SE	2.91	6.1	10.2	1.2								¿0.3	5.9
SSE	1.4	6.7	13.3	4.1	• 2							25.7	8.1
\$	1.9	4.2	9.8	4.7	1.0	.2.						21.3	9.0
ssw	د.	.7	. 9	٤.	.1						-	2.4	7.2
sw	.5	. 3	• 2	.1	•C							1.2	5.4
wsw	.1	.0										• 2	3.2
w	. 3	.0			.0							.4	4.2
WNW	. 2	• 1	. 1									.4	4.3
NW	. 4	.4	• 4	.4	.1	• 1						1.9	A.5
NNW	. 3	8.	1.3	1.1	. 8	.5	• 2		• (1			5.1	13.0
VARBL													
CAIM	$\geq \leq$	$\geq \leq$	$\geq$	$\geq \leq$	><	$\geq <$	$\geq$	><	$\geq$		> <	9.6	
	12.0	23.0	38.4	12.5	2.6	.9	-2	.0	.0			100.0	7.2

DATA PROCESSING SR NCH TIRCHUSAR AIR MESTMER SERVICH/TA

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

232.0	ACCUFLLA	AF CALIFYSACRAMETET		YEARS	MONTH N
		<u> </u>	COS COS		3300-1100 HOURS (CST)
			CONDITION		

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	49 - 55	≥56		MEAN WIND SPEED
N	1.1	1.2	1.1	, ti	.1	-1		.0	-		;	4.5	7 , A
NNE	, 4	• 2.	• 1			• 2	ل •				i Total	1.0	
NE	. 3	• 2	• 1	• 1								.6.	
ENE	. 1	• 1									i	.1	3.5
Ε	6	• 2	.1								1	۰۰	3.4
ESE	. 5	. 6	. 3	•0								1.3	4.5
SE	1.5	2.7	2.0	. 4	ن.							7.3	6.1
SSE	1.0	4.4	5.7	1.8	• 2							13.1	7.7
S	2,5	8.6	11.7	4.0	.9	.1						27.2	8.0
ssw	_1,7	3.0	2.8	1.1	• 1							8.8	5.9
sw	1,7	2.5	1.0	- 2								5.4	5.1
wsw	. 4	. 4										1.0	4.0
w	.9	1.1	. 2	•0	٠0							2.3	4.7
WNW	. 9	1.4	.9	• 1								3,3	5.5
NW	1.3	2.4	2.6	1.6	.4	• 2	. 3					R.7	9.0
NNW	.5	1.4	2.0	1.6	.7	.4	•2	•0	.0			Ý . B	11.4
VARBL													
CALM	X	X	$\times$	$\times$	$\times$	$\times$	$\times$	$\times$	$\times$	$\geq \leq$	$\geq \leq$	7.1	
	15.3	30.6	31.2	11.7	2.4	1.0	.5	- 1	.0			100.0	7.0

DATA PPGCESSING BRANCH FIAC/USAF AIR WEATHER SERVICE/MAC

> NW NW NNW VARBL

0

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					<u> </u>	ATHER us	<del></del>	· · · · ·				1200	5 (L S.T.
			<del></del>		COM	DITION							
SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 15	17 • 21	22 • 27	28 - 33	34 - 40	41 · 47	48 - 55	≥56	Designation of the second	ME Wii SPE
N	. 8	1.0	.7	.4	ن	•2	•1		<del>i                                    </del>	1	<u> </u>	3.1	5
NNE	. 2	.1	.1	.1		•1				i	·	.61	
NE	.2	• 1	.1			•0				1		.4	
ENE	.1									i		.1	
E	.1	٠,2	.1		.0				i	1		.31	
ESE	.2	.3	.1	.0					1	1		.7	
SE	.9	1.2	.7	.2	. 1				i	1		3.1	
SSE	.7	1.8	2.3	.9	• i							5.8	
S i	2.4	6.2	9.9	4.5	1.3	• 2				1		24.6	
ssw	1.1	4.7	5.7	1.6	.6	• 1						13.8	
sw	1.7	4.0	3.7	.8	.1							10.4	4
wsw	.6	1.0	.7									7.2	
w	1.4	7 2	1 4	1					i i			6 21	- 1

<u>.0</u>

TOTAL NUMBER OF OBSERVATIONS 2902

4.8

7.5

DATA PPUCESSING BRANCH FIAC/UNAF AIN MEATHER SEPVICY 'AC

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

237,4	MCCLFLLA	AF- CALIFISACRA	PEUT-	40-72	 			21:1
STATION		STATION NAME			1ET B3			MCHTM
			att ata	THER	 		1	1500-1700
			CLAS	13		-	_	WOURS (L S T.)
			CONDI	TION	 	-		
					 	•		
Γ	4242				 1 1		- 4	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	70	MEAN WIND SPEED
N	. 5	8.	.7	. 3	.1	• 1	• 1					2.7	9.0
NNE	1 22	.1		.0		.0						Ę . S	7.2
NE		1		.0								.4	
ENE			.0	.0								• 1	
E	1	. 2	• 1	.0								.4	5.5
ESE	.2	\	.1	.0								4 .4	5.5
SE	ے و	. 3	.3	, ]	. 1							1.1	7.3
SSE	.2	.9	1.0	ن و	1	•1						3.5	9.1
S	100	4,3	12.0	7.8	2.0	• 2						2×.1	10.2
SSW	.5	4.4	6.7	5.5	9	• 3						14.2	9.3
sw	1.0	4.3	5.0	2.4	.5	•1						13.3	2.3
wsw	5	1.1	.0	1								2.3	5.7
w	1.0	3.1	1.5	1		•0						5.8	5,7
WNW	6.	2.3	1.6	.5	1							5.3	6.4
NW	1.2	3.2	4.0	1.7	.6	.4	1	. 1				11.3	9.3
NNW	.4	1.2	1.5	.9			. 2	.0				5.1	10.5
VARBL													
CALM	$\times$	$\geq \leq$	$\times$	X	$\times$	$\times$	$\times$	$\geq <$	><	><	><	3.2	
	8.3	26.4	35.9	18.6	5.5	1.5	. 5	.1				100.0	3.7

TOTAL NUMBER OF OBSERVATIONS	2907
	2711 5

DATA PROCESSING AREACH ETACHERAL ALE MEALHER SERVICENTAGE

()

0

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23758	ALCLELLA *	CALIF/SACRAMENTS	40-72		111 1
STATION		STATION HAME		YEARS	RINGH
			h <sup>I</sup> ATHER		1500-2700
	•		CLASS	<del></del>	HOURS (L.S.Y.)
			CONDITION		

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 • 55	≥56	* *	MEAN WIND SPEED
N	• >	. 5	1.0	. 3	• 2	.1						9 2.7	3.
NNE	1	٠,	•2	.0								.41	5.
NE		• 2	• 1		•0							.31	O.
ENE	.0	. 1	. Ü	.0								4 .2	7.
E :	.1	.1	•1	.1								. 7	7.
ESE		• 2	1									.3	5.
st	.1	.2	.7	.1								1.2	Я.
SSE	- 2	.6	3.3	1.6	. 3							5.1	9.
5	7	5.8	19.6	11.0	2.3	-1						39.3	3.
ssw	.5	4.1	10.2	4.5	٤.	•0						20.2	9.
sw	.7	2.8	5.2	1.9	• l	.2						11.0	A.
wsw	.5	.6	. 3	.0								1.5	۶,
w	1.0	1.0	. 3	.1								2.4	4.
WNW		1.1	. 4	,0								2.1	5.
NW	•6	1.5	1.4	. 8	.2	•1						4.7	8.
NNW	.0	.9	.7	5	. 2	•2		.0				3.1	7.
VARBL													
CALM	$\geq \leq$	$\geq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\times$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq <$	4.4	
	6,2	19.7	43.7	21.1	4.1	•7	.1	.0				100.0	8.

MATA PHOCESSING BRINCH TITO/ESAF AIR REMINER SERVIC / MC

## SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

2814

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				<u> </u>	LASS	<del></del>			<del></del>		71
					CON	DITION		<del></del>	<del></del>	<u>-</u>		
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*
N	5 . 3	, tı	•0	• 2	. 1	•0				1	1	2.
NNE	٠,٠	• 1	• 1	• 1						i	T T	•
NE			• 1	•1	. i)					i		
ENE	4	. 1	• 0	•0								
ŧ	, 2	. 3	• 1							<del>                                     </del>		
ESE	.0	. 9	9	.1						1		2.
SE	1.0	5.3	14.4	1.6								22.
SSE	.7	5.0	17.1	5.0	. 5							2 R
5	1.3	5.1	11.2	2.9	. 4	1						21.
SSW	1.2	2.3	1.9	.7								6.
\$ <u>w</u>	1.0	1.8	1.2								1	4.
WSW	ځ ا	. 4									<u> </u>	
W	3	. 4			.0					<u> </u>	<u> </u>	
WNW		0										
NW	5	8	5	-1							<u>!</u>	2.
NNW	1	2	.4	1	.0					<u> </u>	<u> </u>	1.
VARBL		<u></u>								Ļ,		
CALM	$\geq \leq$	$\geq \leq$	><	$\times$	$\times$	><	><	><	><	><		5.

MATA PROCESSING PROGES FIGUREAR AIR ACNIBER SERVICE/MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

232.0 _	ACCLELLA A	F" CALIFYSACRAMI.	d 4172		.!;[
STATION		STATION NAME		itter	BOATH
			all K'ATHER		200-0200
	-		CLASS		HOURS (L.S.T.)
			CORDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 • 55	≥55	Modulus Landings	MEAN WIND SPEED
N		• i	. 1	.0								. 2	7.5
NNE			.0									.1!	5.0
NE	. 1	.0										1	3.
ENE	• <b>U</b>											່ ຸດ	2.0
E	. 4	• 3					1					.7	
ESE	. 5	2.1	.0				1			i		3.3	4.
SE	1,9	5.4	16.ū	2.3				i		ļ		22.6	7.
SSE	1.7	11.5	26.6	6.3	• 1							45.4	В.
s I	• 6	3.5	10.5	2.4	. 5	•1						17.4	8.
ssw	. 1	• %	, i	•2								4 .6	9.
sw		• 1		.0									7.
wsw		.0										· 0	4.
w		• 1										. 2	3.
WNW		.0										, s	4.
NW	.1	.0	.0	.0						I		. 7	7,
NNW			.1				L					,1	я,
VARBL													
CALM	><	><	><	$\supset \subset$	><						> <	2.0	
	5.7	26.2	54.0	11.3	.6	,		·				100.0	7,

DATA PROCESSING PRANCH ETAC/USAF AIN MEATHER SERVICT/ "AC

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

232_8	MUCLELLA	SES CALIFYSACRAMENT.	40-72		
STATION		STATION ANDE		TEARS	#OSTM
		äll	" LYI'E "		≏30 <b>0−</b> 9500
			CLASS		HOURS (LST)
			CORDITION		

SPEED (KNTS) DIR.	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	. >	MEAN WIND SPEED
н	. 2	.2	.1							1		. 5	?.0
NNE		.1	.1									.4	う。0
NE	.2	.1	٠,									. 2	3.8
ENE	.0	.0								ļ		.1	
ξ.	. 5	1	. 2	.0								. 9	5
ESF	. 6	1.2	•2		.0				I			2.2	4.6
38	2.3	9.8	15.8	2.2	• •							29.1	7.3
SSE	2.3	13.5	21.3	4.0	.1			!				41.5	7.5
S	1.7	4.0	8.9	2.2	•6			T				17.9	3.0
ssw	.0	. 1	.1	. 3	.0							.6	10.4
sw	• 1	.1	. 1	.1								. 3	7.0
wsw		.0										.0	4.0
w	.1	٠0							l			.1	2.5
WNW		.1	.0									.1	5.8
NW		.2	• 1	.1						!		. 3	3.0
NNW	.1	.0	.1						1	T		.7	_ 5.1
VAREL													
CALM	$\geq <$	><	$\geq \leq$	><	><	$\geq$		$\triangleright <$				5.3	
	8.4	29.2	46.9	9.4	.8							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

3019

CATA IMECESSIAG BROCK FIAC/USAF AIC REATHER BERVIC / ME

## SURFACE WINDS

TOTAL NUMBER OF CISERVATIONS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_		<del></del>		all a	LASS						- 600	
	_				504	DiY:O#				<del></del>			
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	Ang (et . Salah)	
N	. =	.4		.1						<del>; ;</del>		1./	H
NNE I	• 6		,1		<del>                                     </del>				;	-		.5	_
NE F	. 6	<del></del>	, .				1			·		, a	Γ
ENE	. ì	.1			i		$\overline{}$	Ţ		:		.1	Γ
_ E	7	.6					í		:	1		1.4	Γ
ESE E	.7	1.3	.4	.0						- 1		7.4	ī
SE	3.1	7.5	9.3	6.					i			/0.7	Γ
SSE	2.4	10.4	17.8		1							25.4	Γ
S #	1.5	5.7	12.4	4.2	• 5	. 1						-4.R	
ssw	العسا	.4	.4	.5	.υ							1.4	Ĺ
sw #	1			.0								. <	Ĺ
_wsw_			<u> </u>					!		1			
<del>v</del> l	1	-3							<u> </u>				_
WN4		L	<u> </u>	<u>.                                    </u>						<u> </u>			Ĺ
NW .		3	. 2	• 2				!				.0	L
NNW	3	, 3						<u> </u>		<u> </u>		1.1	L
VARBL	اا	<u></u>	<u></u> ;					L				<u> </u>	L
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	8.1	Ĺ
Ţ,	11.1	27.5	41 3	11.0	1.0	,						1412.0	Γ

DATA PT CESSING PREACH FTS /USAF AT MEATHER SERVICE/MAU

## SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

3039

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				<u>۱۱۲ - ۱</u>	ASS		-				14.00			
	- -	COVENTION													
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	· · · · · · · · · · · · · · · · · · ·	17 - 21	22 - 27	28 - 33	34 - 40	i	48 - 55	≥56	*	, , , , , , , , , , , , , , , , , , ,		
N	.7	.71	.5	$\overline{z}$						:		2.2	_		
NNE	• 2	.2	υ.							i .	-				
NE	۰۵			l								. 4			
ENE	.1	.0	0								į	• 2 !			
Ε		٠2		·							3	.7			
ESE	. 6	.3	.1								3	1.0			
SE	1.7	3.0	1.9									1,.7			
SSE	2.2	5.7	7.1	1.6						i	Ç	12.7			
S	4.2	:2.2	15.1	4.6	. 6	.0				I	5	16.7			
SSW	2.1	3.7	3.1	•6								4.5			
_ sw	1.8	1.7	1.4	.0								4.9			
wsw	. 3		.1								<u> </u>	1.01			
W	.9	8	•1								3	1.7			
WNW	.7	<u>6.</u>	.2								- 6	1.7			
	1.3	1.5	1.2	.2								4.5			
NNW	•6	1.0	5.	3						<u> </u>		2.7	_		
VARBL	<u></u>						<u></u>		<u> </u>	<u></u>	!				
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$ i	<b>6</b> *0			
	18.1	32.7		7.0	.7							100.0			

MATA FOUCHSTAND PROJUBE FINE/CONF AIR OF ONCH SERVIC / AC

(2)

(2)

0

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

232 ×	MITEFLEA	- 🛊	CALLEYSACKS HOLT	40-72		
STATION			STATION NAME		TEAPS	80474
			1.	A THE		1279-1-07
				CLARS		motes (L S T )
				C0+31710#		

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	25 - 33	34 - 49	41 - 47	43 - 55	! ≥\$\$	* *	MEAN WIND SPEED
н	. ,.											1.4	٦.١
NNE		• ?	•									. 4	4
NE		1	1									. 2	4.6
ENE								1					A . !
£			, A .										3.
ESE		• 1	.3					1	1			.3.	4.5
SE		.6					_	1			_	1.51	5.
SSE	.81	1.4	2.1	•6	٠ũ	- •0		1	į	Ī		4.9	7.
S	3.ē	3.8	12.3	4.5	خ	.0						49.2	7,
SSW	7.4	6.8	7.5	1.3	. /	0		Ī	ı	1		15.2	* •
sw	2.7	5.4	4.7	.5				1	Ī			12.7	5.
wsw	.9	2.3	3	.0				T				4.0	5.
w	1.7	4.1	1.3					1	i			7.1	4.
WNW	.5	2.5	1.3	.1				1	i			4.4	5.
NW	1.2	3.0	2.4	•2	.0			Ī				6 A	٨.
HHW	- 3	. 8	1.1	. 3				Ī —	i		!	2.5	7,
VARSL								Γ			i		
CALM	><	$\geq \leq$	$\geq <$	$\geq$	$\geq \leq$	> <	$\geq \leq$	$\geq \leq$	$\geq$	$\geq \leq$	$\geq \leq$	5.9	
	15.1	36.9	33.9	7	- 9	,		1				199.9	5.

TATA PALCESSING SALE P ET.E/ESAP AIT REFINER SERVIC / A

4

## SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

3046

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

-				ill a	a <sup>†</sup> a€K waa						120
-					Cat Co				<del></del>		
SPEED (KNTS) 1-3	4-6	7 - 19	11 - 15	17 - 21	23 - 27	23 - 33	24 - 42	41 - 47	48 - 55	≥5¢	
N E	٠.٤	. 3 '	• 4						·		
NNE		. 0		.5	-						?
NE É	.0										
ENE	1							,			·
Ε ∰;											
ESE . 1	.0	.0							•		
_SE	.3	. 2	.0								
SSE 🛔 ./	15.	1.7	6	• •					- :		7.4
5 1.5	5.4	10.1	7.9	1,7	•1			:			37.6
35W 1.3	5.8		3.4	,7				:	-		27.3
sw 1.7	5.3	6.3	1.4	• 1					1		5.9
wsw 1 .5			0						1		3 2
<u>w [ ].3</u>	3.9	1.5									6.5
WNW L	1.9	يَ و ل	1					¥ E			3.4
.7 ₩ .7	2.0	2.0	<u>ر جو ا</u>						1 [		5.0
NNW E	.8	1.1	-1						. 1		7,3
VARRE	1						Ī				!
cu			$\geq$			> <	><			$\overline{}$	2.9

USAFETAC  $\frac{\text{FOUR}}{22.64}$  0-6-5 (QL A! MEYOUS EDITIONS OF THIS FORM AND ORDOTE

DATA PROCESSING OR ACH ETAC/USAF AIR WEATHER SERVIC-/MAC

MCCLECLAS AFE CALIFYSACRAMENT)

### SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

3025

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	-				ALL RT	ATHER			<del></del>			1600
	_				COM	DITION						
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	**************************************
N	. 1	5.	• /					i				.5
NNE.	ĝ			•0								1.1
NE	. (.							!				.0
ENE												
ŧ	•0											• 5
ESE	.0	.0										• 1
SE	. 0	.3	• >	• l								9
SSE	.2	1.6	5.1	2.3	.1							9.4
\$	1.1	9.8	26.6	13.1	1.9							52.4
ssw	1.0	5.1	8.7	3.2	. 4	لام						19.4
sw	.7	2.9	4.3	.9	ა	Q						8,9
wsw	.5	. 7	ےء									1.4
W	1.0	3.	<u> </u>									2.0
WNW	.4	- 14										3.
_NW	.3	.5	. 3	.1	.0							1.3
NNW	.0	.3	.4					L				Ŋ
VARBL												4
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	2.9
	5.5	22.5	66.6	(0.0	2.6	1						100 0

DATA PROCESSING BRISCH ETAC/USAF AIR WEATHER SERVICE/MAC

### SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

2964

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NNE					·								
(KNTS)						com	DITION						
(KNTS)		_									<del></del>		
NNE	(KNTS)	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	
NNE	N	.1	, v							<del>                                     </del>	1	į	
NE	NNE		.0							1			
E	NE	ان <b>.</b> ا		1						I — —			
ESE	ENE		.1		.0								
SE	E	. 3	. 3							Ĭ .			•
SSE	ESE	. 3	1.4	. õ									2.
S 2.0 6.1 12.6 4.1 .2 24.5 SSW .7 1.2 1.4 .3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3					2.5								24.
SSW .7 1.2 1.4 .3 3.  SW .5 .5 .5 .3 11.  WSW .1 .2  W .1 .0  WNW .1 .0 .0  NW .0 .2 .2 .2 .0  NNW .1 .0 .1  VARBL  CALM		.7	7.1	22.9	5.4	, 3							37.
SW .5 .5 .3 .1	S		6.1	12.0	4.1	. 2							24.
WSW	ssw			1.4	.3								3.
W .1 .0	sw			. 3									1.
WNW .1 .0 .0 .0	wsw												
NW													
NNW .1 .0 .1 .0 .1				.0									
VARBL 3.					•0						i		
CALM 3		.1	.0	. 1									
	VARBL												L
	CALM	$\triangleright <$	><	><	><	><	><		><		><1	><	3.

DATA PROCESSING BRANCH ETAL/USAF AI~ WEATHER SERVICE/ MAC

MCCLELLA AF" CALIF/SA(RAMENT.

4

## SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

2959

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					all wa	ATHEK						2000	-020
	_				c	USS						HOUR	5 (L S.T.)
					con	DITION				<u></u>			
	_	<del></del>		<del></del>			<del></del>						
SPEED (KNTS) DIR,	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 32	34 - 40	41 - 47	48 - 55	≥56	a ramin see ya.	MEAN WIND SPEED
N	. 1		.1						T	<u> </u>		.2	4.
NNE			.0			T —			İ	i		.0	7.0
NE	• 1											• 1	2.
ENE		.)										.0	5.4
E	. 2	.3	.4									.9	5.6
ESE	.6	1.8	1.0	•1								4.1	6.3
SE	1.7	9.8	18.3									1 33.0	7.
SSE	1.7	11.0	20.5	5.2	.2			!				38.6	7.9
S	.9	4.0	7.1	2.5	.4	•0						14.9	5.
SSW	.1	. 3	1.1	.3								1.8	B.4
sw	.0	.1	.2	-1	.0	<u></u>			l !			• 5	9.0
WSW						<u> </u>			<u> </u>				
w	.1	.0		L								.1	3.
WNW	.1	•0			<u> </u>				<u> </u>			• 1	3.
NW	.1	.0	•1	.0	.0			<u> </u>				.3	7.
NNW	• 2	.1	.1	•0	L	L						.4	5.0
VARBL				Ļ		Ļ		Ļ,					
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	><	><	5.0	
	5.0		50 /	10.0	7	_		1				100 0	77 -

USAFETAC  $\frac{\text{FORM}}{\text{JUL 64}}$  0-8-5 (OL A) previoùs editions of this form are obsoète

DATA PRICESSING BRINCH FIACTURAF AIT WEATHER SERVIC / AAC

## SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

3031

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ACCUPILLA OF CALIF/SACRAMENT 46-72

		PIATIO	RMANA						TEARS				041
	_				all no	ATHER				<del></del>		000 C	
	_												
	_		<del></del>		CON	DITION				<del></del>			
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	
N	.2	. 4	• )				<del></del>	<u> </u>	<del>                                     </del>	<del></del>		١٨.	_
NNE												.2	Г
NE	.1	.1	.0									.2	abla
ENE	. 1							T		i		• 1	$\overline{}$
E	.7	٥٠	• 2	.1			<del></del>			i		1.6	$\overline{}$
ESE	1.3	2,5	1.4	• 1			i		i			5.2	$\sqcap$
SE	2.5	10.5	16.7	1.8	1							21.5	$\overline{}$
SSE	3.1	10.9	16.9	3.8	•1			i				34.A	$\sqcap$
S	1.0	4.7	6.4	1.8	. 3	. 1						14.9	$\sqcap$
ssw	. 3	E	1.2	. 4								7.3	$\sqcap$
sw	.2	•2	• 1	.1								۰۸	$\overline{}$
wsw		.0		.0								.1	
w													Π
WNW	1											• 1	Г
NW	.1	-	. 1									.2	$\Box$
NNW	.1	•2	.0	.0								.3	
VARBL												1	匸
CALM	$\supset \subset$	$\mathbb{X}$	><	$\times$	$\geq \leq$	$\boxtimes$	$\geq <$		$\boxtimes$		> <	7.4	
	10.4	20 6	42.1	9.0		,						100 0	

BATA PRICESSING PROGRAM ETHINGAP AIR MENTHER SERVIC MAL

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2324	MCCLILLA AF CALIFISACE	AMERTS 40-72		n:10
STATION	STATION NAME		YEARS	MONTH
		ALL AFATHER		<b>1500-0</b> 300
		CLASS		HOURS (LS T.)
		CONDITION		

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	**************************************	MEAN WIND SPEED
N	ا خ	.7	• 3	Ū						!		1.4	4.7
NNE	. 3	. 3					1		Ì	1		٨.	4.1
NE	, ,	. 3	• 1									. 7	4.0
ENE	.2	• 2	.,				T .	1		Ī		. 4	3.9
E	.9	• 6	.1	.0						Ī		1.9	3.8
ESE	1.5	2.4	• ೮	.1					!	<u> </u>		4.8	4.7
SE	3.5	7.9	8.6	• 9			Ī	<u> </u>	1	Ī —		20.0	4,3
SSE	2.1	8.9	15.6	3.9	.1							32.7	7.7
S	2.1	5.3	10.0	3.2	.5	•0			1			21.3	a.o
ssw	اد	. 0	1.6	5	.1							3.1	n.1
sw	.3	• 2	. 5	.1								1.0	6.6
wsw	. 1	.1										• 2	3.6
₩	.1	•0	٠,٥									2	3.7
_ W 4W	. 3	.0										•3	3.1
ММ	.2	اء	. 2	.0				<u> </u>				. 5	5.6
NNW	.2	.4	.2	• 2	.0							1.0	6.7
VARBL						l							
CAUA	$\times$	><	$\geq <$	$\geq \leq$	$\geq \leq$	$\leq$	$\geq \leq$		$\geq \leq$		><	11.2	
	12.7	28.3	38.0	9.0	. 8	•0						100.0	5.2

DATA PROCESSING BRINCH ETHOROGER AL MEATHER SERVIC /140

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

232 vê	MCCLELLA . AFT CALIF/SACRAMINTO	40-72	3114
BOITATE	STATAN MARK	YEARS	MONTH
		FATHER	2400-1100
		CLASS	ROJES (L.S.T.)
	co	NOTION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 • 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	10 % III	MEAN WIND SPEED
N	, 5	1.2	.7	.0	.0							2,5	5
NNE	• 2	.3		٠,٥						j		· 7	۴.
NE	• 0											. 2 !	3.
ENE	• ?		•0					<u> </u>		1		<u> </u>	3.
E		1										. 7	2,
ESE	.7	4	- 1	, Õ								1 102	
SE	2.0	3.1	2.1	-2								7.4	5.
SSE	2.0	5.4	6.0	Lel	.0							14.6	٨,
s	4.31	10.8	13.1	3.0	. 5							37.3	7_
ssw	2.2	3.4	3.2	1.0								9.9	
sw	1,7	1.8	1.4	.3								5.2	5
wsw	.7	• 0	4									1.7	<u>.</u>
w	1.1	. 9	. 2		- 0							2.2	4,
WXW	Ģ	1.1	. 4	.0								2.4	4,
NW_	Ģ	1.4	1.1		.0							3.6	5
NNW	5	1.1	- 7	. 3	0							2.7	6.
VARBL													
CALM	><	$\times$	$\times$	><	$\times$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	11.7	
	19.0	3).9	29.8	6.6	. 8							100.0	. 5

DATA PPUCESSING BRANCH FIAC/USAF AIR REATHER SERVICE/PAC

4

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23256	HUCLELLA" AF- CALIF/SACRAMENTO	40-72	lly
\$747 IDI	STATION RAME	TEARS	BORTH
	ALI	L N'ATHER	1270-1400
		CLASS	HOURS (LS T.)
		CONDITION	

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	45 - 55	≥56	\$ % \$	MEAN WIND SPEED
N	.3	.6	.6	.1				1		1		2.2	5.
NNE I	2	.7	.1									9 .5	4 .
NE		.2		•0								4 .41	
ENE	i											.1	1.
E	.1	.0	_ ,0								· ·	. 2	3.
ESE	.2	. 2								j		3 3	3.
SE	. 7	.91	5	•0								2.1	5.
SSE	, ê	1.5	2,3	• 8	•0			1				5.4	7.
S	3.7	0.6	8.4	2.8	• 5	.0				,		22.1	7.
ssw	2.8	6.2	6.5	4.0	• 2	•0						17.7	5.
sw	3.2	5.8	3.9	.5	• 1							13.4	5.
wsw	1.0	2.0	.7	• 1	•0							3.P	5.
w	2.1	4.3	1.1									7.5	4.
WNW	1.5	3.6	1.1	•0	.0							5.4	5.
NW	1.3	2.9	2.2	. 4	.0							6.9	6.
NNW	.5	1.5	1.0	٠,٧								3.2	5.
VARBL													
CALM	><	> <	$\geq <$	$\times$	><	$\geq <$	$\geq \leq$		$\geq <$		> <	8.0	
	19.1	36.4	28.6	7.0	.9	-1						100.0	5.

DATA PRICESSING BRINGH FIAC/USAF AIR WEATHER SERVICE/MAC

### SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

3051

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MUCLELLA AF- CALIF/SACRAMENTO 40-72

	-			<del></del>	CON	OTION				<del></del>		
SPEED	_											
(KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 • 27	28 - 33	34 - 49	41 - 47	48 - 55	≥56	*
N	. , 5	1.0	.7	•1	.0					1		
NNE	1 .	لد	• 1	•0								
NE												
ENE	6.										100	
E		.0					i					
ESE		.0	.0	• ]			i					
SE	3	.4		•0							4	
SSE	1 .2	1.0	1.9	1.0	•0							4,
\$	1.5	5.8	12.7	0.4	1.2			<u> </u>				27,
ssw	1.6	7.0	7.4	3.8	. 3							۷٥.
SW	2.4	6.1	5.9	1.3	-1							15.
wsw	1.1	7.2	1.4	.4					L			5,
w	1.7	3.9	1.4							<u> </u>		7,
WWW	1.0	2.5	.9	.1								4.
NW	1.0	i.7	1.8	.6	1				1			5.
NNW	.4	. 8	8.									2.
VARBL								L				
CALM		><	><	$\times$	><	><	><			><1	><	4.

USAFETAC FORM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRETE

DATA PROCESSING BREACH ETAC/USAF AIR FEATHER SERVICE/MAC

MCCLELLA AF CALIF/SACRAMENT

4

### SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

3035

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				ALL X	ATHER						1000	
	_		<del></del>	<del></del>	co•	DITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40		48 - 55	≥56	, I	W Si
N		.3	.2					<del>!</del> -		;			_
NNE	. i	.1						<del> </del>	<del></del>	T		3	
NE	.11							$\overline{}$	<del>                                     </del>	!		.1	
ENE	.c	.0								1		.1	
E		.0										, n i	
ESE		.0	.0	.0								.1	
SE		.71	.9	• 2				i		1		1.71	_
222	.2	1.5	5.6					[				12.1	
S I	1.9	10.2	23.1	9.8	1.3	-0		i				46.41	
ssw	1.4	6.5	8.2	3.1	.1					ī		19.2	
sw	1.3	2.2	3.0	1.3	.2				·			8.5	
wsw	.6	.6	.4	.ŭ						l	-	1.6	
w	.9	.3	.1									1.2	
WNW		.5	.1									1.1	
NW	.5	•6	.4	-1								1.5	_
NNW	.2	.2	.2	_								•6	
VARBL													_
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq <$	$\geq$	> <	$\geq$	>	$\supset \subset$	><	6,3	
	7.5	24.4	42.8	17-1	1.6	.0						100.0	

CATA PRICESSING BR SCH ETTERS AF AIR FEATMER SEFVIC / 'AC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

232.2	MCCLELLA - 1F - CALIF/SACRA-1947	41-72	رة ژاء
STATION	STATION NAMES	*Eats	BOSTS
		.f ATMFR	2100-2350
		CLASS	HOURS (L.S.T.)
	C	0491710#	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	Society of Controller	MEAN WIND SPEED
N	.1	1	.1	•0			i	i –	1	<del>:</del> —		, 2	5.0
NNE			. 0	.0			İ	•			:	. 1	9,0
NE	.1						1	1		T		i . 1	3.3
ENE	.1	٠,					i	i		1		. 1	3.7
E	٠.	. 3	.1						i	i		7	5.1
ESE	. 2	1.9	1.8	-1	.0							4.1	5.8
SE	. 7	6.3	16.4	2.2	.0		i T	i	1	T		ا ع.5 ق	7.9
SSE	1.2	6.8	17,5	0.1	.2		i			i .		11.9	9.5
S	2,1	6.7	11.2	2.0	.0	1	[					22.6	7.5
ssw	, e	1.2	1.9	. 8				I				4.7	7.2
SW	.4	4	, 9	.1				!				1.7	5.2
wsw	.1		.0									.2	3.6
w	.3	.1	.1									.5	3.5
WNW	. 2	.1						<u> </u>				.7	2.7
NW	.1	.1	.0	1								.4	5.1
MMM	,1		.1									.1	5.3
YARBL								l					
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq$		$\geq$			6.6	
	6.9	24.0	50.1	12.0	.3	.1						100.0	7.3

BATA PROCESSING BRY THE FTAC/USAF AIR FEM MER SERVIC / MAG

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

232_£	ALCLELLA AFE CALIFISACRASINT	41-77	.f.p
		CATHER CON	5000-0200 HOURS (CET)
	c	ORDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 5	≥56	F 1	MEAN WIND SPEED
N	_,5	_ á	,7	, 4	1	•1				1		3 2 P	7,
NNE I		_,5	.0							,		1.0	٦,
NE P	ا في ا	, 4	• 1	•0								.0	4.
ENE	. 2	5.	, 1							!		.5	4.
E S	1.6	1.0	.4							İ		3.5	4.
ESE	1.7	2.8	1.0	•1								5.A B	5.
SE 2	3.0	11.6	17.7	1.6		.0						34.0	5,
SSE !	1.5	4,4	13.2	2.2	1							25.5	7,
s į	. 9	3.4	4.2	.5	1	.0						0.21	<u></u>
ssw I	• 1	. 5	• 6	. 2								1.4	7,
sw	•1	- 2	.3	.1								, Q	_ 3,
wsw	.0											١٠.	
w	. 4	.1	0				_					.5	2.
WNW !	2	. 1	.1	•0								. 4	4,
NW	2	. 2	.3	.1	.0	. 7						1.0	7,
NNW	2	• 5	•6	.4	• 1							1.7	3,
VARBL													
CALM		$\times$	><	><	><	> <	><	><	$\supset <$	><	> <	9.6	
	11.5	32.4	39.9	5.8	. 5	. 7	,					100.2	- 5

MATA PROCESSING BROACH ETAC/USAF AIR WEATHER SERVIC /MAC

STATION MARE

### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					<u>۱۱۲ ه۲</u>	AT-IFR						13()U	
	- -				CON	DITION							
SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥55	* %	
N	1.5	1.1	1.1	.6	.1	•1						4,7	
NNE	į .5 i	.7	٠.	.1								1.3	Ī
NE	.6	.4	• 2	.1							i	1.3	Ξ
ENE	1 .3	.1										.4	ī
ε	1.3	1.0	.2							i		2.4	Ξ
ESE	2.2	2.5	.8							:		5.4	Γ
SE	1 3.E	11.3	13.6	1.0								29.7	Ī
SSE	2.3		10.i	1.8	•1							23.6	Γ
S	1,7	3.3	3.5	.9								9.5	Γ
ssw	1	.3	. 5	.0								1.0	Ĺ
sw	.1	. 1	- 1									. 4	
WSW	.1	.0		.0								• ?	L
w	.3	1										.4	
WNW	.3	.1	, J									. 5	Ē
NW	.4	. 5	, 4	•1	.1	•1						1.7	L
WNW	.6	. 8	.7	.3	.2							2.7	Ĺ
VARBL													L
CALM		$\mathbb{X}$	$\geq <$	$\geq \leq$	$\times$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\times$	$\geq \leq$	14.8	Ĺ
	16.5	31.2	31.9	4.9	.5	.1						100.0	ĺ

TOTAL NUMBER OF OBSERVATIONS

2928

DATA PROCESSING BROWCH ETAC/USAF AIR MEATHER SERVICE/ 4AC

C

MCCLELLA AF CALIF/SACRAMENTO

### SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

0600-0900

295B

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				co=	21103		-			,				
										,		-			
SPEED (KHTS) DIR.	1 - 3	4-6	; - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 45	41 47	49 - 55	≥56	٠.	А У S		
N !	2.4	2.0	1.7	.7		.1	:					7.0	_		
NNE 7	b	.6	. 7/	.0		0			1			1.7			
NE [	4,5	. 4							1			1.5			
ENE	.3	-2	ان.						Ī			,5			
E ţ	1.3	δ	.2						<u> </u>	i		ا ۾ د			
ESE §	1.7	1.6			,				1			3.8			
SE É	4.2	8.9		.7	٠v				1			21.4	_		
SSE #	2.0	7.0	7.6	1.8	. 2							47.9	_		
S	_ 2,2	4.4	٥.٥	1.0								<u> </u>			
55W		. 8	.5				<u> </u>			<u> </u>		1.6			
sw		. 4	.1				<u> </u>	<u> </u>	<u> </u>			, я			
wsw i	1	0							<u> </u>			.2			
w	2								<u> </u>			3			
_ www_	2		.0						<u> </u>			4			
NW F		5			2	0	ــــــــــــــــــــــــــــــــــــــ		<u> </u>	!		1.7			
NNW [	7		1.2	5	21	1	<u> </u>		<u> </u>	<u> </u>	<del></del>	4.2			
VARBL		<del></del> ,				,	<u></u>	<u> </u>	<u> </u>						
CALM	$\geq \leq$	$\geq \leq$	$\searrow$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\searrow$		$\geq \leq$	17.0			
	18.8	_29.3		5.6	1.0	.3	. 9	1	1			100.0			

USAFETAC TOLM USE (QL.A) MELVIOUS EDITIONS OF DIES FORM AND CONSISTE

DATH PRICESSING ERT CH ETIC/LIGHT AIR WEITHER SERVICITIAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

237.	Miclita	4.5	CALIF/SACRAMENT	40-7		دء
STATION			STATION BARE		TEARS	ROATE
			±LL.	r at lek		.409-1100
				Clean		WCT 85 (1, 5 T.)
				CONSISTION		

SPEED (KHTS) E	1-3	4-6	7 - 10	11 - 15	17 - 21	<b>:2 - 27</b>	23 <b>- 33</b>	36J	41 - 47	4.3	≥ 56		MEAN WING SPEED
N ,	1,,	1.8	1.5	. 6	. 3	• 1	• •		<del></del>			5.5	7.5
nne §	ا ۋ •	.2	4 1		. ''				-			1.7	7.3
NE §	.5!	.1	• 1						:		-	.7:	3.5
ENE \$	2	.1						!				1 ,2	3.8
8	9	.1	. i						•			1.1	3.1
ESE \$	.91	.4	• 4						i			1.5	3.6
SE 5	1.5	3.5	1.3	.1				,	1			1 4.7	5.1
SSE	1.0	3.9	5,9	1.4	.1	•1			1			13.1	7,:
5 8	4.51	7.3	8.4	7.8	,Ž				;		1	1 23.1	
SSW	1.9	2.7	1,3	<u>دّ</u>	1			1	1	i	1	6.9!	
SW .	2.4	1.8	.7					i	i	i		4.9	4.2
wsw §	.0	ا ز .	.3					i	1	1	•	1.01	3.5
w	1+3	,5	. ?	.0				i	i	1	1	2.1	3.5
WNW P	.71	. 3	. 3 :	•0				_				1.8	4.7
HW E	1.7	2.3	1.8	.91	.2	.•2		<u> </u>	i	i —	I	7.1	7.3
NNY F	.9	1.8	1.9	1.7	.5	•2	•3	i	T	i	-	7.3	9.8
VARBL \$								1		<u> </u>	1	1	
CAUA	$\geq \leq$	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	> <		$\geq$			14.6	
	22.1	27.7	24.9	8.4	1.4	.6	.3					100.0	5.

DATA PROCESSING BRY CH FTAC/EGAF AIM MEATHER SERVIC / 'AC

## SURFACE WINDS

## PERCENTAGE PREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

PTATION 3	MUCLEULA	AF CALIF/SACRA ILINTO	40-12	, F P gouth
		<u> </u>	N' ATHER	1200-1400 Noves (C. 7.)
			CONDITION	

SPELD (KNTS) DIR.	1.5	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	***	MEAN WIND SPEED
N _	1.2	1.7	1.4	. 6	. 3	.1					İ	5.5	7,4
NNE	• 2	. 2	. 2	• 4						•		្ន	7,5
NE	. 3	1										4	3,2
ENE	1	.0										.1	3.7
E		.1	1									. 5	3,8
ESE	2		.0									. 4	3.5
\$E	1.0	ئ	. 4	.1							ļ ——	2.3	4.6
SSE	,7	1.9	2.0	. 4	. 1	1						5.3	7.4
5	2.9	6.3	6.3	2.3	. 4							19,4	7,2
ssw	1.6	4.6	3	. 8	.1							12.5	5.4
SW	2.9	4.1	2.7	.2	•0							10.0	5.3
wsw	1.2	1.2	.5									7.1	4.5
w	2.0	3.3	7	. 1						i — —		5.0	4,4
WNW	1.0	2.4	1.0	. 5								5.7	5.6
NW	2.0	3.4	4.4	1.3	.4	•2	. 1	0				12.3	7.5
WNN	.9	2.1	2.2	1.8	, 3	• 2	.1					7.5	7.1
VARBL										l			
CALA		> <	$\boxtimes$	> <	> <	> <	$\geq$	> <		$\boxtimes$		11.2	
	20.0	32.4	25.8	8.2	1.7	.6	• 2	.0				100.0	5.9

HOPER SHEEZ 13249 ATAR TARVIDATS DANNIST VERSE STEEL SEE

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23ZUF	<u> ALCLELLA</u>	AF CALIFIS	ACRAMENTS	40-77		دو ع
STATION		STATION NAME			TEARS	40***
			ntt .	ATHER		1500-1700
				CLASS		HOURS (L S.T.)
				ONDITION		

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	प्राप्तानाथ न नहाः ।	MEAN WIND SPEED
N	• 4	1.5	ايوا	_ ,5	٠.	•0	• 3		·	ī	<del></del>	4.2	7.
NNE	.2	. 1	. 3	.1						<del></del>	<del></del>	.7	7.
NE	.1	- 1		.0							i	.4	۸.
ENE	.6	.0	.0									.1	5.
_ E	.21	.1	- 1									.31	4.
ESE	.2		•0									. 3	3.
SE	.3	. 5	ا څ .	.0								1.0	4.
SSE	.4	1.1	1,5	6	.3	1					i	4.1	8.
<u> </u>	2.8	4.7	B.0	3.5	. 8	-1						20.5	я,
SSW	1.7	4.3	5.2	1.4	. 2	• l						12.9	7.
SW	2.4	4.0	3.2	1.2	.3	•0						11.2	٨.
WSW	1.0	1.5	1.1	.3								3.9	5.
	2.2	2.8	. 8	.1								5.8	4.
WNW	1.3	3.0	1.0	.1	.0		•0					5.6	·; •
NW	1.B	4.5	4.1	1.2	.4	• 2	.1	• 1				12.4	7.
NNW	1.0	1.9	2.0	1.3	. 4	- 1						6.7	н.
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq <$	><	$\geq \leq$	> <	$\supset \subset$	><	9.8	
	16.6	30.2	29.5	10.4	2.6	.7	. 2	. 1				100.0	- o

DATA PPUCESSING BRINGH FIAC/USAF AIP WEST-UR SERVICE/FAI

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

212,9 STATION	ALCLELLA	AFS CAL	F/SACRASENT	·	40-72	 	 		э <u>с</u> Р
SIAIRE				ALL nº	ATHER	 TEARS		_1	570-2000 HOURS (C 5.T.)
				KON.	DITION	 7-H			
	SPEED					 <del></del>			MEAN

SPEED (KNTS) DIR.	1-3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.9	.9	. 4	.2							2.4	5.9
NNE	. 2	. 3	, 1	.0								.6	4.6
NE	• 4	٠, ۲	Ų									۶,	4.1
ENE	,1	.0	.0									.1	4.8
E	. 2	• 1	• 0									. 3	3.8
ESE	-1	• 1	.1									.4	5.4
SE	• 7	.7	, 8									2.5	6.4
SSE	1.0	3.C	5.0	1.3	- 2							10.6	7.6
\$	2.0	8.4	14.3	3.7	.1	.1						9.4	7.¢
ssw	2.0	4.8	6.0	1.2	.0	<u> </u>		<u> </u>		<u> </u>		14.1	6.9
sw	1,3	2.6	2.9	.6					1			7.9	6.3
wsw	1.1	.7	. 3	.0								2.1	4.1
w	1.5	.7	ا ع					L	<u> </u>			7.4	3.5
WNW	.7	.6		.0								1.6	4.3
NW	, 9	1.1	1.3	• 2	.1					<u> </u>		3.7	5.9
NNV	•6	1.0	.6	.2		0			<u> </u>			7.4	6.3
VARBL							<u></u>						
CAUA		$\geq \leq$	><	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	18.1	
	14.8	25.3	32.9	8.1	.0	.2						100.0	5.0

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

MCCLELLA AF CALIF/SACRAMENTS

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					ALL A	ATHER				<del></del>		2100 HOURS	-
	_				cox	DITION							
SPEED (KNTS) DIR,	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	
N	.4	.8	1.1	ر.	.1			l .	l	1		2.4	
NNE	, 3	.2	•2	1				1				, a	Ϊ
NE	.3	.2	- 1	•0				ľ				.7	Γ
ENE	.3	• 2										.5	-
E	1.3	1.5	.3					<b></b>	i	i		3.0	Γ
ESE	1.2	2.5	.9	.1				i	1			4.6	Γ
SE	2.1	9.0	13.8	1.3	.0							25.2	Γ
SSE	1.9	0.5	10.4	2.3	.1			1				21.2	Γ
5	2.6	5.5	6.3	.9	.0	•0						15.5	_
ssw	.8	1.4	1.4	.1								3.9	
SW	.4	.7	. 3	-1	.1							1.7	Γ
wsw	.3	•2	1	.0								.5	
w	• 5	.3	•1									. 9	
WNW	. 3	.1	• 1									.5	ī
NW	, 2	.3	.4	.1	.0							1.1	
NNW	.2	,3	•6	.2	.0							1.4	
VARBL													
CALM	$\geq \leq$	>>	$\geq$				$\geq$					14.7	
	12.0	20 B	36.2	5.0	5							100.0	Γ

PATA PROCESSING BRANCH ETACHUSAR AIR WESTHER SERVIC /MAC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

232 -	MECLILLA	AF	CALIF/SACRAMENT.	41-77		CI
STATION			STATION HAME		TEARS	MONTH
			_ ^LL (	N' ATHER		^0/0-0200
				CLASS		HOURS (LST)
				CONDITION		

SPEED (KNTS) DIR.	1-3	4 . 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	. <b>%</b>	MEAN WIND SPEED
N	1.1	1.0	1.7	.7	.5	•0	• 1					5.8	А.
NNE	. 4	. 5	. 4	• 1	ن.					l		1.6	5.
NE	, tı	د.	• 4				•					1.4	4.
ENE	. 5	. ŝ	. 3									1.3	4.
E	2.7	2.4	.9	-1								6.1	4.
ESE	2.2	4.0	1.8	• 1								9.1	4.
SE	3.5	10.1	10.2	1.2	• 1							25.1	6.
SSE	1.0	5.2	6.2	1.0	. 3	• 1						14.5	7.
5	1.0	2.0	2.2	. 8	. 3							٨.3	7.
ssw	, 3	. 3	•2	.3	.1	•0						1.1	я.
sw	. 2	. 3	.2	•0	•0							.9	6.
WSW	, i	٠.	٠.								-	.7	3.
w	. 3	• 2	•									.6	3.
WNW	,3	. 2	. 1			.0						.6	4.
NW	, 5	• 6	8	• 4	• 2	• 0						2.5	7.
NNW	.6	1.0	.9	. 5	. 4	• 1						3.7	ě.
VARBL													
CALM	$\searrow$	$\geq \leq$	$\times$	><	><	><	><		> <		><	20.3	
	16.2	29.8	26.1	5.3	1.9	.3	١					100.0	5.

DATA PROCESSING BREACH ETAC/USAF AIR WEATHER SERVIC / FAC

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

332.,5	MCCLFLLA - AFT CALIF/SACKALENT	40-73	
STATION	STATION NAME	YEARS	BORTH
	ALL W	ATHER	<u> 0500-0500</u>
	6	ASS	HOURS (L.S.T.)
	(0)	DITION	

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	版 (	MEAN WIND SPEED
N	2,5	2.5	1.5	. 6	, 4	• 1	• )					9.1	6.5
NNE	. 4	. 8	. 4	•1	. ú					1		2.2	5.2
NE	1.3	. 8	. 4	•0		•0						2.5	4.6
ENE	.5	.3	.2									1.0	
E	1.9	2.0	• 5									4.4	4.3
ESE	2.0	3.4	1.0	.1								5,4	4.6
SE	2.8	3.5	8.1	1.1	•2	. 1						(0.7	6.5
SSE	1.5	5.5	5.2	1.0	.2	. 1						13.5	
S	.9	2.2	2.2	.7	•2	• 1						4.3	7.3
SSW	. 3	. 3	. 3	.2.	.0	•0						1.2	7.5
sw	.1	.1	• 1	•0								. 3	0.1
wsw		.1	Ç.									.4	3,6
w	. 5	. 3		.0								.0	3.7
WNW	. 5	. 2	. 1		.0							.7	4.3
NW	1.2	. 8	.6	.4	.2				r			3.2	6.5
₩₩	.7	1.1	. 8	. 5	.3	- 1						3.4	9.2
VARBL												3	
CALM	$\supset \subset$	> <	>	><	><	><	><	> <			> <	24.9	
	17.8	28.8	71.6	4.9	1.6	. 5	. ()			,		100.0	4.

DATA PRICESSING BR VEH ETAL/WOLF AI \*EAIMER SERVIC / AI

4

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23255	RCCLELLA	18	CALIF/SACRASFILL	40-12		·C t
STATION			STATION NAME		TEAPS	BORYN
			ALL	W ATHER		0080-000
				CLYRR		HOWES (L S.T.)
				COMPLITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	! ! ≥55	#	MEAN WIND SPEED
N	1.7	6.9	2.2	.7	, 5	• 2	٠.٤			<u> </u>	•	9.4	7.2
NNE	1.	. 3	. 5	.1	.1							2.5	5.2
NE !	1.0	1.0	رُد ه								i	7.9	3.9
ENE	.4	.3	· l								Ī	ņ	3.8
	1.7	1.0	• 2	.0							i	2.0	3.6
ESE	1.1	1.9	.6	. 1						i	i	3.7	4.8
SE	3.4	7.3	5.4	1.0		1	• Ú					17.3	6.1
SSE	1.0	4.6	5.7	1.3	. 3	.1	ز .				1	13.6	7.3
S	1.5	2.4	3.2	.9	.1	•0						8.1	7.1
SSW	• 2	.3	.4	.1	.0	-0						1.0	7.6
sw	.5	. 2	•2									.0	4.2
wsw	.1	. 1										• 2	3.7
w	.0	.1									1	.7	2.8
WNW	.3	.2	.1	.1								.6	5.5
NW	1.0	6.	.9	.3	.1	•0		•0				3.2	۸ <u>.</u> 8
WMM	1.0	1.2	.9	.7	. 4	• 1					1	4.3	3.7
VARBL													
CALM	><	> <	$\supset \subset$	$\times$	$\times$	$\times$	$\times$	> <	> <			27.9	
	18.8	25.0	24.8	5,2	1.6	•6	. 2	.0				100.0	4.5

MATA PROCESSING BROKEN ELECTUAL ALC MENTHER SERVIC THAN

4

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

232 3 STATION	HLCLTLLA	AF3 CALIF/SACRAMENT.	40-72	YEARS	
			L n'ATHER		7900-1100 ROUBE (LE.Y.)
			CONDITION		

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	\$ 5.4700 PM 10 PM	MEAN WIND SPEED
N	2.2	1.8	2.1	1.4	.9	.3	. 5	.1	l .			9,2	10.0
NNE	.7	.5	.1	•2	.1	.0				i		1 1.5	6.1
NE	.6	.1	• 1									.8	3.4
ENE	. 3	٠l	• 1								i	.5	3.9
E	. 5	•2	.0	•0								. 8	3.8
ESE	- 5	. 2	. 3	.0						<u> </u>		.9	5.1
SE	1.9	2.4	1.7	. 5	• 1	• 1						6.6	6.0
SSE	1.8	3,8	5.0	1.5	. 6	• 3						13.0	7.8
S	3.2	5.4	6.0	1.9	. 6	- 61						17.2	7.0
SSW	1.1	1.2	.9	.6	- 1							4.0	6.5
sw	1.5	1.0	.5	.1	•0							3.1	4.4
wsw	.2		.1	0.								. 4	4.3
w	1.2	.3	.0									1.6	2.8
WNW	1.2	.5	. 3	• 1	.1						L	2.2	4.8
NW	2.3	2.4	1.9	1.0	• 2	. 3	.0			<u> </u>		8.0	7.2
NNW	1.7	2.0	3.1	1.0	1.1	.4	• 1	.0				9.4	9.5
VARBL													
CALM	X	X	$\times$	$\times$	$\times$	$\times$	><			$\supset <$		20.7	
	20.9	22.1	22.2	8.3	3.8	1.5	• 0	. 1				100.5	5.8

DATA PROCESSING BRANCH ETACAUSAF AIR ME'THER SERVICAAAC

WNW

NW

NNW VARBL

CALM

2.9

4.4

MUCLELLA AF: CALIF/SACRA-FREE

4

### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				ALL AC	ATHER							-1400
	_				con	MCITICAL							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	, , , , , , , , , , , , , , , , , , ,	MEAN WIND SPEED
N .	2.0	1.71	2.4	1.2	.5	• 3				<del>i                                     </del>		3.2	8.6
NNE		.3	.2		.1	.0				!		1.0	
NE	.3	.2	.1	.1			• . 1			1		.7	5.7
ENE	.1		, U	.0								.11	6.8
E	.4	.3	.1							T		.71	3.6
ESE	.0	.2	.1	٠0	•0							.01	
SE !	1.2	1.1	.6	.4	.1							3.41	5.8
SSE	. 3	1.2	2.3	1.1	. 4	•2	•0	. 1		<del>                                     </del>		6.1	9.6
\$	2.5	4.2	5.4	1.9	.3	.2						14.4	7.5
ssw	1.5	2.7	2.5	1.i	•2							P.1	5.9
sw	2.1	2.0	1.7	.4								5.2	5.5
wsw	.9	.6	.2	.1								1.8	4.4
w	2 0	1 0	2									3 ,	2 4

TOTAL NUMBER OF OBSERVATIONS 3056

10.6

15.5

100.0

6.4

3.9

1.5

10.4

.9

DATA PRICESSING BRANCH Flag/LEAF AID REMHER SERVIC /FAC

MCCLILLA LI CALIF/SACRASIAT.

### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

						V:HEK				<del></del>		HDU21	) - [ / 1 (L 1 7.
			······································		CON	DITION .							
SPEED		4-6	7 - 10									21	ME
(KNTS) DIR.	1.3	4-0	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	45 - 55	≥56	. *	SP
N	7.2	2.3	2.3	1.4	. 3	.2	• 1					. 0.8	-
NNE	2 !	, 3	.1	.4	5.	•1		<u> </u>		1	i	1.3	
NE	. 3	. /.	, C	-1	.1	•0				1	<u> </u>	.71	4
ENE		.1		٠0						1		1 .21	,
E	.7	1	.2							T		1.1	
ESE	.4	.4		.0								1.0	
SE	.6	.9	.8	.2								\$ 2.6	
SSE	, 7	1.4	1.9	.7	. 2	2		.1				5.2	
S	2.5	4.3	5,9	2.3	გ	•1					,	15.8	
SSW	1.3	2.5	3.0	1.2	.1	•0				<u> </u>		S 9.1	
sw	1.9	1.9	1.9	•9	.1							5.6	
wsw	.6	.6	.5		.1							1.9	
_ w	1.5	. 8	.3									2.6	
WNW	1.5	1.6	.4	3	1							3.9	
NW .	3.4	3.0	3.5	1.4	.6	. 5				1		12,5	
NNW	1.9	1.9	2.7	1.4	.7	.2	. 2					9.1	

TOTAL NUMBER OF OBSERVATIONS 3057

18.7

DATA PRICESSING BRANCH ETTE/USAF AL FEATHER SERVICE/MAC

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

230	ACCLELLA A	E CALIFISACKASI	T.: 40-7	•	СĪ
BOLTATE		STATION RANG		TEARS	KIACH
			ALL & ATHER		1500-2000
			CLASS		HOURS (L.S Y.)
			CONDITION		

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	: : ≥55	. % ;	MEAN WIND SPEED
N	i,,	1.0	1.0		. 3 1	·i	-		į	:		4.2	5.5
NNE	. >	. 4	.5	ا ج.	.ì					i	-	1.5	5.6
NE .	1.1	.7	.4	.1				1	I	l .		2.1	4.
ENE		. 2	.2	• 0 i						1		, o	5.
E	.9	. 6	ا ۋ .						T	1	l l	1.8	4.
ESE	.6	.7	.21	.01			i					1.5	
SE į	1.3	1.5	1.5	.2	.1				i e	l		4.7	6.7
SSE	1.1	3.0	3.0	1.0	.2	•0						2.4	7.
S į	3.0	0.7	7.1	1.7	3	•0	.0			i		16.0	5.9
ssw	1.2	2.5	2.6	.7	. 3							7.2	7.0
\$W	1.3	1.8	1.5	. 3							l .	4.8	5.
wsw	.7	.4	.2	.0		.0					1	1.4	5.4
w	.7	. 5	. 2								1	1.5	4.1
WNW :		.4	٤,									1.5	4.4
NW	, 9	1.1	2.1			•1					İ	4.6	7.6
WWW	, ä	1.1	1.1	.8	.1	-1	4)					3.9	9.
VARBL													_
CAUA	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \triangleleft$	$\geq <$	$\geq <$	> <	> <	$\boxtimes$	$\supset <$		2'1.2	
	17.0	23.1	22.9	5.9	1.5	• 3	. 1					190.0	4.

DATA POSCESSING FROM CHEFFICIALS AF ALL ME THER SEFFICIAL AC

## SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MCCLELLA IF CALIFYSACKA FIT 41-12

		BYATIO	. met					1	EARS			•	ORTH
	_		<del></del>	<del></del>	<u> </u>	LT-1FK						<u> </u>	~ > 3( (C = 1.
					CÓR	DITIO#							
	-												
SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 · 33	34 - 40		48 • 55	≥56		MEA WIN SPE
N	1.7	.9	دَّوا	1.0	شُ و			-				5.1	
NNE		.4	- 4	.1								1.3	
NE	. 7	.0	.4	.1				_		I		1.01	
ENE	. (.	. 3								ī			
Ε	3.3	7.4	. H								<del></del>	5.5	7
ESE	3.1	3.6	1.3	.1		-						5.2	
SE	3.4	7.8	6.4	.7	- 1					i		13.3	
555	1.6	5.1	5.1	1.1	.1	.0				•		13.1	
s	1,0	3.0	3.2	1.2	.3	. 1	• •			<u> </u>		1 10.51	-
ssw	. 5	• 5	4	. 4	.0					Ī		2.0	
\$W	. 0	.7	٠,٥	•0						Ī		1.0	
₩s₩	. 3	•2	.0									.5	- 1
w	. 4	. 3	.2									. 9	4
WNW	. 4		. )							i		.7	
NW	5	1.1	1.2	.3	.1		1					3,3	
NNW	.5	_1,2	ثعل	5	. 3	1	• 17	.0				7.0	ŕ
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\times$	$\times$	$\times$	$\geq \leq$	$\geq \leq$	$\geq$	$\geq$		><	23.6	
	17.9	28.4	22.7	٥.٥	1.2	. 3	. 2	•0				100.0	

DATA PROCESSING BROACH FTAC/USAP ALC MEATHER SERVIC / 141

MICLELLA AF CALIFYSACRAPENT

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					****	DIT IGA							
	_												
SPEED SHEED (KNTS) CIR. 2	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 23	34 - 40	41 - 47	43 - 23		म् - % -	MI W
N I	1.2	1.7	2.2	1.2		•1	ن و					6.0	-
NNE I	.71	. 6, 1		•1								1.0	
NE E	9	1.0	. 2	.0					l .			2.1	- 4
ENE	. 5	.6	. 4	•e								1.51	
E #	3.3	2,6	1.3	.1								7.2	
ESE 5	1.9	3,7	1.6	.0					]	·		7,2	
SE E	2.2	7,4	5.0	,9	. 3	•1						440	
SSE F	1.3	3.9	4.4	1.9	. 4	.1	•1					12.1	
S	1.3	1.7	2.8	.5	2					· ·		5.6	
_ssw _	. 31	2	ز و	نع	<u>.ol</u>				<u> </u>			<u> </u>	
sw		!	. 3									1.C	
wsw	1	.2							İ			3	
w E	5	21							<u> </u>				
WWW F	2	.4	0						<u> </u>			.6!	
NW	1.0	8	, ĝ			0	1		<u> </u>			2.9	_
NNW F	.7	1.0	1.6	7		.2			<u> </u>			4.4	
	1									<u> </u>			
VARBL	<del></del>												
CALM	><	><	><	$\geq \leq$	><	><	><	><	><		><	27.6	

TOTAL NUMBER OF OBSERVATIONS 2873

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRIPE

DATH PRICESSING RRACEMETACHUSAF AIR WEATHER SERVICIATAC

4

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23.7.5	MCCLELLA 15- CALIF/SACKANENT.	40-77		^v
STATIOE	STATION LABE	11,125		80479
		AInER		(ن•رياس مو *
		LASS	-	909 ET ( . 3 T )
		127 de		

SPLED (KNTS) (CONTS)	1-3	4 - 6	7 - 10	11 - 10	17 - 21	22 - 27	28 · 33	34 - 43	: 41 - 47	43 · 55	کخے	•	KA3H CRIW G1962
N,	1.7	4.3	2.5	. 7	. 3	•1	• 1					2.5	7.
NNE	1	1.0	. 4	.0					<del></del>				
NE	1.4	1.1	. 5									7.0	••?
ENE :	.5	.6	• 1									1.3	4.2
E	2.2	2.5	.6						!	•		5.4	7.2
223	1.0	2.9	1.2	.0					<del></del>			5.7	4.7
SE	2.6	2. l	4.8	1.1	1	2			1			15.1	5.5
SSE	1.5	3.5	4.0	1.6	.5	-2	•1			<del></del> -		11.4:	
S	1.5	1.7	1.7	1.2	.2	.1			I	:		6.61	7.5
ssw :	.4	٠2	.4						Γ			1.1	6.
_sw	.51	.3	• 2						!	1		1.1	
wsw	2 i	. l	.1	.0								.4	
w	اه.	. 4	.1	.0					1	i		1.21	3.:
WNW	.41	. 3	,1	ı					1			.0!	4.
NW	1.1	. 9	.6		.0		!		1			2.8	5.8
NNW	.7	1.8	1.1	.9	.1	•2	.1					4.8	2 .
YARRL				ı									
CAUA	$\geq \leq$	$\geq <$	><		$\geq <$	> <	><	$\geq$			> <	29.6	
	18.5	26.2	18.3	6.0	1.2	.8	.4					100.0	4.4

DATA PHUCESSING AR WENT FIRE/FORF AT WEITHER SERVIC / MR.

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

232UP	MCCLILLA SF - CALIF/SACKA-FHT.	39-7	
HOITATE	STATION NAME	TEASS	MOMÁN
		A3958	<u> </u>
		LASS	HOURS (L S T.)
	co	DITION	-
	co	DITION	_

SPEED (KNTS) DIR	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	2.7	2.1	•7		.2	. 1					9.3	٠, , ،
NNE	1.4	1.0	. 4							I		7.7	4.2
NE	1.7	1.7	<b>.</b> .	.1								7,9	4.
ENE	.0	.7	. 1									1.4	4.0
E	2.0	1.1	. 3	•0								3 4 7	3.1
ESE	1.3	1.7	. 4	.1								4.0	4,3
SE	2.7	5.4	4.4	. 8	. 3	•0	• 0					13.7	5.4
SSE	1.5	3,4	4.0	2.0	. 6	-1	• 1	• 1				11.6	9.5
\$	1.4	2.1	2.1	7	2	•2						5.4	7.4
ssw	. 3	. 3	.2	.2	.0					l		1.0	5.5
sw	, 4	.6	. 5	•1	ن							1.7	5.0
wsw	. 3	1	ر و	.0								, 5	4.7
₩	. 5		.1									٠, ٩	3,3
WWW	. 4	i	-1									. 7	4.4
NW	1.4	1.3	. 5	• 2	. 1	0			<u> </u>			3.7	5.4
NNW	1,3	1.7	1.2	.,7	. 2	• 2	.0			<u> </u>		5,3	7.5
VARBL									L	L			
CALM	><	><	><	><	><	$\geq \leq$	><	$>\!\!<$	$\geq \leq$	$\geq \leq$	><	29.7	
	20.3	24.0	17.5	2.0	1.8	.7	.4					100.0	4.5

MATA POLCESSING SROWCH FINCHUSAR AIR WENTHER SERVIC / MC

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

232	MUCLELLA AF	CALIF/SACRAPTHT	, 19-11		V:.
STATION		STATION NAME		YEARS	N7 10st
		Å	ELL WEATHER		1900-1100
			CLASS		HOURS (L \$ Y.)
			CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	5 5a	MEAN WIND SPEED
N	3.,	2.7	2.4	1.1	. 4	.3	. 3	. 1		T	!	17.2	7.8
NNE	. 7	.9	• 2	.1						i	•	2.1	4.5
NE	.9	.3	v &									1.4	3.6
ENE	• 2	.2	.1	.0	•0						i .	.5	5.6
E	.6	. Ġ	.0	.0								1.3	3.0
ESE	.5	.9	. 3	•1								1.9	4.9
\$E	1.9	2.9	2.6	.9	.3	• 1	٠.					3.9	7.2
SSE	1.0	3.7	5.1	3.0	.?	•2	.1					13.0	9.2
\$	2.3	4.2	4.0	2.0	.3	•?					1	13.0	7.4
SSW	1.0	.7	.3	.2	•0		, υ					2.4	6.1
sw	1.3	. B	.5	.0								7.6	4.2
wsw	.5	• 2	·Ú		•0		. 1					.8	5.4
w	.9	.4	.0									1.3	3.1
WNW	1.1	.0	.2	.1	.0						!	5.0	4.3
NW.	2.8	1.7	1.7	.7	•1	•1	.1	_ • 1	• U			7.3	5.9
NNW	1.0	2.2	2.5	1.3	• 3	•6	• 1	.0				8.0	9.5
VARBL												UNITED	
CALM		> <	>	$\times$	$\times$	>>	>>	> <	> <			22.4	
	20.0	۷3.0	20.1	9.0	2.3	1.6	.7	, 2	• G			100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

3023

PATA PHILOESSING BROACH ETYLYUSAF AIT RENTHER SPRVIC / AC

THICKELLA OF CALIFYSACHA SEGT

4

### SURFACE WINDS

TOTAL NUMBER OF OLSERVATIONS

3025

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

11104			51411VA						•				-	
		_	-			.14	ATHER						1,73	-1.5.
		-				con	DITION							
	SFEED													MEAN
	(KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIND
	N	2.2	3.1	2.7	1.2	• 6	.3	• 4			<u> </u>		5.5	7.
	NNE	.7	• 3	• 3	.2		•0	• 6						~
	NE	.7	. 3	• 2			- 0						1.1	3.2 3.6 4.7
	ENE	.3	.1		•0								.4	4.7
	E	.7	• 3	.(,	.0								1.0	3,5
	ESE	.3	.4	. 1	•0								.9	4.4
	SE	1.2	1.6	1.6	.0	.>	-2	• 1					5.7	Q .
	SSE	.9	2.4	3.3	2.3	1.2	•4	•0				B	10.5	10.1
	5	2.7	3.6	5.0	2.5	.8							14.5	۶, ۲
	ssw	1.2	1.4	.6	.4	_,1	• 1						3.7	5.3
	sw	2.1	1.3	• 5	.2	.0							4.2	4.5
	W5-W	.4	. 4	. 2	.1	.0	•0						1.1	5.9
	W	1.5	. 8	•1	.1	- 1							2.6	4.1
	WNW	1.3	1.3	.4	<u> </u>								3.0	7.5
	N₩	3.4	3.6	2,5	.8	5_	.4		.2				11.5	7.5
	NNM	1.7	2,8	3,1	1.7	. 6	1.0	. 3	.0				11.5	19.4
	VARBL	L .			<u> </u>	Ļ_					Ĺ			
	CALM		><	><	><	><	><	><	><	><	><		15.8	ļ
	-				<del> </del>	<del> </del>		<del></del>		<del></del>				

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PRECESSING PRICER FIACTUSAF A = MEATHER SERVIC / MC

## SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2350-	MCCLELLA M' CALIF/SACRAMENT.	39-7	.^v_
BTATION	STATION RAME	YEARS	BONTH
	4t	L N: ATHER	1:00-1709
		CLASS	HOURS (LS T )
		CONDITION	

SPFED (KMTS) DIK.	, 3	4 · 5	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	1 1 48 - 55			MEAN WIND SPEED
N	3,2	4.7	2.3	.0	.2	• 1	•			1		17.4	5,0
NNE	.7	. 6	. 2	. 2	. 1	.0						1.0	N. ?
NE	, , , )	• >	• 1	.1	.0							1.1	6.
ENE		• 1	٠ũ									a .3	3.1
E	.4	.3	.1									. 8	4.0
ESF	,5	.8	. 3	•0								1.6	· • C
SE	1.4	1.5	1.7	٥.	• 1	• 2	• 0					5.1	7.4
SSE	1.0	3.0	3.6	1.8	.8	• 2	• દે	٠.				17.6	9.
5	2.7	3.2	3.0	1.7	.5	• 1	,					12.0	7.5
ssw	1.4	8.	. 3	. 8	. 1	.0						3.9	7.
sw	1.4	.7	.5	,2	.1						1	2.8	5.2
wsw	. 3	•3	•2	•0								. 0	4.5
w	1.2	-0	• 2	. 1								2.1	4.0
Wh#	1.2	0.0	3	ı,	, į,	.0	.0					2.3	5.0
NW	2.6	2.9	2,5	1.1	. 3	.3	. i	.0				9.7	7.3
NNW	1.7	3.2	3.0	i.6	.7	.6	٠. ك	• 1				11.1	9.3
VARBL													
CALM			><	><	><	><	$\supset \subset$	><				22.3	
	20.8	72.9	19,6	9.2	3.1	1.6	.5	.2				100.0	5.°

DATA F OCESSING ER NOH FITE/USEF AI- WE HAPP SERVIC /MAC

## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

737	MCCLELLA AF CALITYSACRA ILIT	4()-1	
STATION	STATION NAME	TEAPS	BONTH
	ill as	AT 1FK	1500-2000
	C	LASS	HOURS (L.S T.)
	CON	DITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	* *	MEAN WIND SPEED
И	2,2	2.4	2.5	.0	<u>ز .</u>	.0				-		2.0	4.
NNE I	<u> </u>	1,3	.0		-1							3.0	٦.
NE	1.2	1.0	. 3	0		•0						2.5	4.
ENE	,4	. 5	.1									1.0	4.
E	1.6	1.0	. 2									1 2.8	3.
ESE	1.2	1.0	.0									7.8	4.
SE	2.4	3,8	3.2		.3	• 1	ن و					10.5	5.
SSE	2.1	3,4	3.3	1.5	.7	. 3						11.4	Я.
S [	2.2	2.5	3.7	ا خوا	.2	.1						10.2	7.
ssw	. 7	. 4	. 9	.6	•û							2.6	7,
sw	. 1	.7	ا خ		.0	0						2.1	5.
₩SW	4	3	2	1								1.0	4,
w	.7											1.3	4.
WWW	5	اعم	1									, A	٦,
NW I	1.3	1.5	1.2	3	.1	•0						4.5	6.
NNW	1.3	2.1	2.3	1.2	.6	.5						7.0	G,
VARBL												ē i	
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\times$	><	><	> <	27.4	
	20.0	22.6	19.8	0.7	2.4	1.1	. 1					100.0	4.

OTAL	NUMBER	OF	OBSERVATIONS	29	34	

DATA PROCESSING BRENCH FIAC/USAF AIR MEATHER SERVICE/MAC

> NW NW NNW VARBL

MCCLELLA 'F CALIF/SACRAGE IT

#### SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					all no	Link						7100	-2300
	_				Ć	ASS				<del></del>		HOVE	(151)
	_				COX	POSTIC							
SPEED (KNTS) DIR.	i - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	<b>;</b>	MEAN WIND SPEED
N	1.3	1.51	2.6	. á	. 4	• 1			-			4.9	7.7
NNE		.7	.0	. 0	.1							7.3:	5,3
NE	. 5	. e	. 3									1.9	4.5
ENE	.7	.7	.3									1.7	4.2
Ε	3.1	2.5	.8									5.4	4.0
ESE	2.5	3.8	1.1	• 1								7.9	4.4
SE	2.5	0,4	5.7	.7	. 4	• 1						15.9	5.5
SSE	1.2	3.7	3.7	1.0	.7	.4	• 1					[0.7]	5.4
\$	1.2	1.9	2.5	1.0	• 2	•2	٠٠					7.1	7.9
SSW	• 2	.3	.7	.3				.0				1.5	3.3
wa	.51	- 4	. 3							i		1.2	4.8

TOTAL NUMBER OF OBSERVATIONS 2872

100.0

DATA PSOCESSING PRO CHETAL/LEAF AIR RESTHER SERVIC /MAC

4

## SURFACE WINDS

## PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MCCLELLA OF CALIF/SACRAMENT, 41-12

		<del></del>	<del></del>	<del></del>	.LL a	ATHER				<del></del>			-0300
	_				cos	DITION							
SPEED (KNTS) DIR,	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55		*	MEAN WIND SPEED
N	1.3	2,4	1.9	نة •	.4	•0	• 1					7.4	7.2
NNE		.71	.7	٠.٤	.0					•		2.0	6.4
NE	1.0	1.1	•2						i			7.3	
ENE	. *,	.9	.1						·		,	1.4	4.4
E	2.0	2.2	.91	•0					· · · · ·	1		5.2	4.5
ESE	1.4	2.7		.0		-			İ	1		5.0	

ĸ	1.3	2,4	1.9	ا ئ و	.4	•0	• l	• 1/			· · · · · · · · · · · · · · · · · · ·	7.4	7.
NNE	ا حوا	.7		. 2	.0							2.0	<u></u>
NE	1.0	1.1	•2									2.3	4.
ENE	, [	. 9	.1								i g	1.4	4.
E	2.0	2.2	•9	• 0							1 3	5.21	4.
ESE	1.4	2.7	, d	.0							, ,	5.01	4.
SE	1.6	5,4	6.7	1.5	• i	-1	. ن				; ;	15.4	7.
SSE	1.5	4.0	4.3	2.2	1.5	5	• 2	• 1			T	14.1	7.
S	1.4	2.0	2.4	1.7	1.0	•2	٠0				1 1	8.7	9.
ssw	.2	.5	.2	.2	1						i	1.1	7.
sw	<u>    </u>	. 3	ق	•1							1	1.0	5.
wsw	<u> </u>	.1									1 2	•2	3.
W	.4	. 3	•1								1 56	.01	3.
WNW	_ , 3	.41	.0									.7	4.
NW	1.3	1.1	1.0	.3	•0					,	1	3.7	5.
NNW	1.1	1.3	1.4	•6	.3	• 1					3	4.9	7.
VARBL											NA.		
CALM		$\geq \leq$	$\times$	$\geq \leq$	$\geq \leq$	$\times$	$\geq \leq$	$\geq$	$\geq \leq$	$\geq \leq$		25.9	
	15.3	25.4	21.2	7.6	3,3	.9	.3	1				100.0	5.

DATA PROCESSING BR WCH ETAL/USAF AIR WE'T 'ER SERFIC /MAC

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

232.5	MCCLELLA AF. CALIF/SACRAIS	1 <sub>1</sub> T 40-7.		EC
STATION	STATION NAME		YEASS	BONTH
		ALL MEATHER		1500-0500
		CLASS		HOURS ( 2 T.)
		CONDITION		

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	?	MEAN WIND SPEED
N t	3,1	ن. ز	2.0	.7	, :	•0	.0	.0				: 7.01	1.3
NNE S	1.0	. ಕ	• 4	.1								7.1	4.7
NE		,9	7									2,5	
ENE		.5	• 2									1,7	4.5
E	2.1	1.0	ره									4.2	5.9
ESE #	1.4	2.0	٠ŏ	-1								4.2	4.7
SE E	1,9	4,4	5.2	1.7	. 1	.3	• 0	.0				14.0	
SSE	1.1	3.0	4.1	2.5	1.2	•6		.1				12.6	10.3
s <u></u>	1.8	1.7	2.2	1.8	. 8	•2	• 0					2.A	9.1
ssw	, 4	. 3	. 5	.2	٠,							1.4	7.3
sw	.7	. 3	. 2	, 1	.0							1.4	5.5
wsw	-1	.1					• 2					. 2	7.9
_ w _ !	7	. 4										1.0	3.1
WWW	5	3	. 2									1.0	4.3
NW I	1.4	1.4	.7									3.6	4.7
NNW I	1.1	1.5	1.6	. 3	. 3	.0			,			4.7	4.9
VARSL	1											- 1930	
CALM	$\geq \leq$	$\geq \!$	$\geq \leq$	$\geq \leq$	>>	><	><	><	$\geq \leq$		><	25.9	
	18.6	22.1	19.9	7.6	3.3	1.2	. 3	. 1				100.0	5.2

DATA PROCESSING BRANCH FIAC/USAF AIR MEATHER SERVICE/MAC

VARBL

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MCCLELLA" AF CALIF/SACRAMENT 39-72

	_			<del></del>	COX	DITION							
	-		<del></del>										
SPEED (KNTS) DIR.		4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	Militarios .	_
N	3.5	3.4	2.3	1.1	.1	•1					:	: 11.1	^
NNE	1.1	.9	·ż									2.3	_
NE	1.5	1.4	.4							i		3 3,3	_
ENE	.0	.5	.1									1.2	_
E	2.0		.3	•0								2.6	
ESE	ā.	1.4	.0	.2	. 1							3.1	-
SE	1.9	3.7	3.8	1.6	.4	.3	ا ن		l			11.71	-
SSE	1.2	2.8	3.1	3.3	1.5	•9	.2					: 13.ni	
5	1.4	2.2	2.5	1.3	.6	.3	2					3 P.41	
ssw	.5	.4	.5	.2	.0	- 1						1.7	
sw	. 5	.3	. 2	• 1	.0							1.1	_
wsw	.3	1.1	.1	.9								.4	_
w	8.	.2	.0									1.0	_
WMW.	.4		.1									.3	_
NW	1.4	1.7	.8	.2	.1				ı			4.21	

TOTAL NUMBER OF OBSERVATIONS 3125

100.0

DATA PROCESSING BREACH ETTE/COAP ALK WEIGHER SERVIC /CAC

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23298	HECLELLA	SE. CALIFISAC-	:A 3537	39-12		÷¢
STATION		STATION NAME		18	LA ES	RTACE
			all rigin	FK		1200-1100
			ល់អ			HOURS ([ S T.)
			CONDITION			

SPEED (KNTS) DIR.	1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	i	MEAN WIND SPEED
N	3.1	3,0	2.5	1.0	, 4		• V			,		- 10.3	۴.
NNE		1.0	<u>ق</u> ,				• 0	. ŭ				1.9	5.
NE	1.2	6	• 2							1		2.01	3.
ENE	اوو	.1	• 1									d .5 !	4.
Ε	. 8	.7	. 2	- 1						i		1 1.7	
ESE	,7	.7	. 3	.0	. ()							9 1.8	4.
SE	1,6	7.5	2.7	1.4	.0	-1	• 1	.0				3.01	۹,
SSE	1.1	2.4	4.4	3.3	2.5	1.0	.2	.1				15.1	
S	1.3	3.1	3.7	2.2	. 9	.4	_ , }					12.1	9.
SSW	. 4	.7	. 6	.5		.0						7.3	7.
sw	1.0	. 6	1	.0								1.8	3.
wsw	3	2		.0	_							,6	4.
w	1.0	.7	.1					.0				1.8	4.
WNW	,7	.0	.1			0	ن					1.5	4.
МM	2.7	2.4	1.5	. 3	1	. 2	0					7.2	
NNW	1.6	2.4	2.1	1.2	.2	• 2						7.6	7.
VARBL												1	
CALM	$\geq \leq$	$\geq \leq$	><	><	$\geq <$	$\supset \subset$	$\geq \leq$	$\geq <$	>	$\supset \subset$	> <	22.3	
	18.9	22.3	19.1	10.1	4.8	2.0	. 4	.2		ì		100.0	<u> 6.</u>

DATA PROCESSING BRONCH ETACYUSAF AIR NENTHER SERVIC /MAG

MCCLELLA OF CALIFYSACRAMENT.

4

#### STRFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

3154

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_				LL W-	4THER						1273	- [40 (CET.)
	_				.o.	PITION							
SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 55	≥56	* %	MEA WIN SPEE
N	2.0	3.4	2.4	1.3	. 3	.3	• •			1		11.4	7
NNE		1.4	. 3			•0	ز .	• 0		!		2.4	6
NE	. 5	.6		.1			ر. و			i		3 1.5	5,
ENE	.1	• 2										ž . 2	4
E	5	.2	. 2										4,
ESE	. 3	. 4		.1	.0							1.1	
SE	1.3	2.0		•9	.3	• 1				I		5.0	7
SSE	1.2	2.0	4.1	3.5	2.4	1.0		.0				14.4	
S	2.0	3.5	4.7	2.3	1.0	. 2	-1			•		13.8	
ssw	1.0	.9		7	. 3		. ()		i 			7.2	7
sw	1.1	1.1	.5	.2								2.0	5
wsw_	.3	. 3	.2	.1								1.0	5
₩	1.3	.4	.3	.0							·	1.9	3
WNW	,5	.8	.5	-1								7.2	5
NW .	2.4	2.9		.7	-1	2	-1			<u> </u>		9.4	5
NNW	1.4	2.6	2.9	1.0	.6	4				ļ		0.9	_ ?
VARBL	<del></del>	Ļ	Ļ	<u> </u>	<u> </u>		<u> </u>			Ļ—		1	
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	12.0	
				I						1		4	

USAFETAC FORM 0-8-5 (QL, A) PREVIOUS EUTHORS OF THIS FORM ARE DESOLETE

FATA P- CESSING TR (CH FI) (VU) AF AI- MENDER SERVIC / 15/

#### SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

5107

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

37.1	1しこし	FLLA 6	it (AL	. 11 / SA(	A		49-	• / '						٠ (
STATION			POLITATE	N MARE				-		TEARS				CONTR
							4THE							-1700
						C	LASS						HOURS	\$ (L.S.T.)
		_												
						COP	DITION							
		_												
		4		<del></del>	·						<del></del>	<del></del>	<del></del>	
	SPEED (KNTS)	§ ₽ 1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	` 48 - 55	1 ≥ 56	2 .	MEAN WIND
	DIR.	4			"					!				SPEED
	N	2.0	7.0	2.5	• b	.4	.1	•			:		A Q	4.5
	NNE	. 4	. 6	. 3					!				1,7	5.6
	NE.		ح	.3		<u> </u>	يزو		i	<u> </u>		!	1.41	4.6
	ENE	ا ق	3	1	.4						i		ا ٤٠	4.7
	E	. 7	. 4		.0			i	1			1	1.3!	4.4
	ESE	. 4	.7	• 1	.0			!		<u> </u>		1	1.2	
	SE	1.4	3.5	2.7	. 4		ربو		<u> </u>	<u> </u>	<u> </u>	!	3.11	
	SSE	1.1	3.2	3.5	2.9	1.7	.9		<u> </u>	<u> </u>		<u> </u>	13.4	
	5	2.5	4.3	3.2	1.9	.0	2		<u>i</u>		<u> </u>	<u> </u>	13.11	7.5
	ssw	1 3		.0	1 6				<u> </u>	<del></del>		<u> </u>	2.9	7,4
	sw	, 5	. 5	1 23	<u> </u>	<u></u>			<u> </u>		<u> </u>	<u>!</u>	1.0	4.9
	wsw		3		.0	<u> </u>			<u> </u>	<u>L</u>	<u> </u>	!	1 6	4.8
	w	1.2			<u> </u>	<u></u>					<u> </u>	<u> </u>	1 100	
	WWW	5.				<u> </u>			<u> </u>	<u> </u>	<u> </u>		1,0	
	NW	2.5	2.5	3.0	- 9.			.1	<u> </u>	<u> </u>	<u> </u>	<u> </u>	9.7	7.0
	NNW	2.3	2.9	2.9	1.4	.4	. 3	1	<u> </u>		<u> </u>	!	10.2	7.7
	YARBL			<u></u> ,	Ļ,	Ļ	<u></u> ,		<u></u>	Ļ	Ļ	<u> </u>		
	CALM		><	1><	><	1><	$\sim$	><	1><	1><	$\sim$	$\sim$	20.5	İ

USAFETAC FORM 0-8-5 (OL A) PRIVIOUS EDITIONS OF THIS FORM AND OBSOLETE

DATA PROCESSING BRANCH ETACAGRAF AID MEATHER SERVIC AMAC

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

237.5	MUCLELLA - AF. CAUIF/SACKAMINTS		- ( _
STATION	STATION RABE	YEARS	BOSTS
	ALL A	L ATCER	1500-2300
		,1414	HOURS (L S T )
		3451.1¢>	

SPEED (KNTS) DIR.	1 1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	42 - 55	j ≥56	*	MEAN WIND SPEED
N	2.5	2.0	2.9	1.0	٤.	.1						″ २.६	٠,
NNE	. '4	1.0		• 0								7.1	4.
NE	ė.	.9	.3							:		? • 2	4.
ENE	.4	· ¢								5		1.1	4,
E	1.5	1.3	.3									3.11	3.
ESE	.9	1.3	.4	.1						:	1	2.5	4.
SE	2.1	4.3		.6	.5							12.8	٥.
SSE	1.5	3.3		2.6	. :	.8	. ? !	.1				12.9	10.
\$	2.0	2.8	2.9	1.5	.0	.2	.1				<u> </u>	1 10.01	a.
SSW		د	.0	. 3							-	1.5	7,
sw	.7	.5	ا ف	.1						i		1.5	4.
wsw	.1	. 3	.1	.0					-	ī	·	.6	5
w	.5	. 3	.1	.0							i — — —	1.0	4,
WNW	.5	.4	.2							ļ	<del></del>	1.01	4.
NW	1.5	2.0	1.7	.5	• l	• 1					<del>!</del>	5.0	<b>5.</b>
мии	1.2	1.9	1.4	.9	. 3	• 1				<del> </del> -	·	5.71	7.
VARBL													
CALM		><	> <	$\supset \subset$	> <	$\times$	><	> <	> <			45.3	
	17.3	24.2	20.0	7.9	2.5	1.2	.3	. 1				100.0	5.

DATA POLICESSING DROGEN ETYCYL AF AI AE'THER SERVIC / A'

#### SURFACE WINDS

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSFRVATIONS)

737,►	MCCLELLA	FF CALIFISACES	-E.d	7.	; <sub>(</sub>
87A710E		STATION MARS		TEARS	B\$478
			the atore		7.70-2300
	•		CLASS		#Q625 (E.S.T.)
	•		CDADITION		

SPEED (KNTS) ! DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 • 27	28 - 33	34-40	41 - 45	44 - 55	≥56		MEAN WING SPEED
N S	_ ;	اندع	2.3	1.0	. فع							5,3	
NNE E		ا د و	ا ن و	. 1								1,4	4.
NE I	7									1			4.
ENE ;	.3		• .									* - 7	÷.
E 3	2.3	1.6	٠,>	. 1								4,7	4.
ESE	1.7	3.4	1.2									5.3:	5.
SE (	2.1	5.0	6.1			•1				:		14.0	7.
SSE \$	1.1	3.71			9	.8		.0				1 12.6	3.
S I	1.7	2.0	2.4	1.6	. 0	• 2	. J			-		3,31	
\$51/		. 4	. 4	.4	1							1.6	Ĥ.
sw	.41	-5		.1	, ,							1.1	5.
wsw	.11	.0	•0									.2!	3,
w	.51	.3	.1									.01	3.
WXW	.51	. 3	• •	. 1						-		1.01	4.
NW	1.7	1.8	.0	•2	. }	•0				ē		4.7	5.
NNW	7.71	1.6	1.0	.7	.2	- 1	. 3					\$ 5.4	7,
VARBL											· -		
CALM		> <	$\supset \subset$	$\times$	><	$\supset <$	><	$\supset \subset$	$\supset <$		$\supset \subset$	24.1	
	17.0	20.1	20.4	8.0	2.6	1.3	. 4	.0				100.0	5,

10" AL NUMBER OF OBSERVATIONS

<u> 2953</u>

NATE OF SERVICE A

#### SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u>: 3 ,1</u>	CCL LLA "	I CALILYSACKA 12	7, 39-73		ιι
STATICH		STATION NAME		TEARS	BONTH
	_		I Start at		٠١ د
	_		CLASS		HOURS (L S T.)
		(1, )(0,) T., 140	17 11 H/ 1834 1/3	J 76 8 8 ,	
			CONDITION		
	~	16-3/20 4597 1/2 T	- 2-1/- 1 H/CTU	(AU 17 F.	

SPEED (KNTS) DIR.	1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	ME. " WIND SPEED
N	7.5	3	l.o	• 4	ي. و			1			1	7.7	5.0
NHE	. 7	• •	.1	• 0								1.6	4.1
NE	• 6	. 7	۰٤	• ()								1,0	4.1
ENE	, 1	. 5	• 0	• J								.7	3.9
E	1.1	. 7	. 3	. )								2.1	4.0
ESE	. 8	.9	. 4	• l	٠.٥	• 0						2.2	5.7
SE	2.0	3.2	3.5	1.1	. 4	. 3	•1	.0	٠			10.7	7.8
SSE	1.7	3.4	5.0	9	1.9	1.0	<u>.</u>	.1				17.3	11.0
5	2.4	3.7	4.0	2.9	1.4	.4	1	.0	• •			15.5	3.1
\$5W	.7	. 7	د	.4	.1	- 1	ر.					2.5	7.4
sw	.9	.0	. 2	.1	. 1	•0	.0					1.0	5.2
WSW	.2	٠٤	.1	.0	. ن	•0	. U					5	4.8
w	. )	. 4	.1	.0	• 0			.0				1.4	3.7
WNW	.7	. 4	• 2	.0	.0							1.3	4.0
NW_	1.7	1.7	.9	.3	.0	•0						4.6	5.3
HAW	1.0	i.ô	i.u	. 3	. 1	.0	. ()					4.4	5.8
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq$	X	X	$\geq \leq$	$\times$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq <$	75.0	
	18.8	21.7	18,8	9.3	4.l	1.8	• 5	• 2	• -			100.0	5.7

US AIR FORCE
ENVIRONMENAL TECHNICAL
APPLICATIONS CENTER

#### PART D

#### CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 3. By month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the carlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

#### EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING					<del></del> ,		VIS	ABILITY (ST	ATUTE MII	LES)	_					
(FEET)	≥ 10	4≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ⅓	≥ 2	≥ 1 %	≥1%	≥1	≥ ¾	≥ ;,	≥ %	≥ 5/16	≥ ¼	≥ 0
NO CEILING				~												
				<u>```</u> ]									$\sim$			
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400				-						97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

- EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed  $\geq 0$ . For instance, from the table: Ceiling  $\geq 1500$  feet = 92.6%.

  Ceiling  $\geq 500$  feet = 98.1%.
- EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite  $\geq 0$ . From the table: Visibility  $\geq 3$  miles = 95.4%.

  Visibility  $\geq 2$  miles = 96.9%.

  Visibility  $\geq 1$  mile = 98.3%.
- EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%.

#### ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq$  1500 feet with  $\geq$  3 miles, subtracted from 97.4 read from the table at the intersection of  $\geq$  500 feet with  $\geq$  1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq$  500 feet with visibility > 1 mile, but < 3 miles; or ceiling  $\geq$  500 feet, but < 1500 feet with visibility  $\geq$  1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

## CEILING VERSUS VISIBILITY

23708

MCCLELLA AFE CALIF/SACRAMENTO

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# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u>"LL</u>

ELNG .				_			. \$ 8 .	Y STATE	Evita							
FEE*	≥ ;	≥ ≎	≥ 5	≥ 4	≥ 3	≥	2:	ž ;	2 .	2	<i>2</i> •	٠.	2			≥ 0
VE CEL 140	42.0	69.1	70.6	71.8	72.9	73.1	73.6	73.9	73.9	74.2	74.4	74.4	74.5	74.5	74.7	75.0
≥ 10000		73.2														
≥ 8000		73.5				-					• -,				-	
≥ 6000		73.8														
≥ 4000		74.7														
≥ 2000		76.1														
≥ 3009	66.6	77.1	78.9	80.4	81.7	82.0	P2.6	82.9	83.0	83.3	83.4	83.5	83.6	83.6	A3.8	84.1
≥ 2000		77.4														
± 8000 °		78.2							*		-		ŧ			
≥ '2000		79.1														
≥ 4000 ;	,	79.0	,													
≥ 5000		80.3														
≥ 4500		81.4												-		
≥ 4000		82.2														
≥ 3500		82.6			- 1									1		
3 3000		33.7														
≥ 1500		84.4														
> 200n 1		85.1														
≥ '800		35.2		•			- :	1		,	- 1	,		1		
≥ `500		85.6														
≥ 200		85.9					!	, ,	- 1			1				1
≥ '%€		86.2														
≥ જા		86.3														
≥ S00		86.5														
≥ 700		85.5														
≥ 600		86.6														
≥ 500		86.5				- 1					•		,		·	1
≥ 400		86.6														
≥ 300		86.6														
≥ 200		86.6														
≥ 100	75.9	86.6														
≥ 0	75.9	86.7	87.2	91.3	93.7	94.3	95.5	96.3	96.5	97.3	97.7	97.7	98.1	98.3	98.6	100.0

#### CEILING VERSUS VISIBILITY

23208 MCCLELLAN AFB CALIF/SACRAMENTU

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

SBL TY STAT TEM LES

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≥ 6 30.4 39.3 42.3 44.7 47.8 48.7 50.5 51.5 51.6 52.5 53.0 53.0 53.4 53.5 53.9 54.9 32.6 42.3 45.5 48.1 51.4 52.4 54.2 55.3 55.5 56.4 56.9 56.9 57.3 57.4 57.8 58.9 32.9 42.6 45.8 48.4 51.7 52.7 54.5 55.6 55.8 56.8 57.2 57.2 57.7 57.8 58.2 59.3 33.1 42.9 46.1 48.7 52.1 53.1 54.9 56.0 56.2 57.1 57.6 57.6 58.0 58.2 58.6 59.6 33.8 43.9 47.2 49.8 53.2 54.2 56.1 57.2 57.4 58.4 58.8 58.8 59.3 59.4 59.8 60.9 34.5 44.9 48.4 51.1 54.0 55.6 57.5 58.6 58.8 59.3 60.2 60.3 60.7 00.8 51.2 62.3 35.2 46.0 49.5 52.4 56.0 57.0 58.9 60.1 60.3 61.2 61.7 61.7 62.2 62.3 62.7 63.8 35.5:46.3:49.8:52.7 56.3 57.3 59.3:60.4 60.7 61.6 62.1 62.1 62.5 62.7 63.1:64.2 8000 000° 36.2 47.3 50.9 53.8 57,0 58.7 60.6 61.8 62.0 63.0 63.4 63.5 63.9 64.0 64.4 65.5 37.2 48.5 52.2 55.2 59.0 60.1 62.1 63.3 63.5 64.5 64.9 65.0 65.4 65.6 66.0 67.0 38.3 49.9 53.6 56.8 60.7 61.8 63.8 65.0 65.2 66.2 66.7 66.7 67.1 67.3 67.7 68.7 39.4 51.5 55.4 58.7 62.7 63.8 65.8 67.1 67.3 68.3 68.3 68.7 68.8 69.2 69.3 69.4 70.8 40.1 52.5 56.5 59.8 63.9 65.0 67.1 68.3 68.6 69.5 70.0 70.0 70.5 70.6 71.0 72.1 40.8 53.5 57.6 61.0 65.1 66.3 68.3 69.6 69.9 70.8 71.3 71.4 71.6 71.9 72.3 73.4 4500 41.4 54.5 58.6 62.1 66.3 67.4 69.5 70.9 71.1 72.1 72.0 72.6 73.1 73.2 73.6 74.7 42.1 55.6 59.9 63.5 67.8 69.0 71.1 72.5 72.7 73.7 74.2 74.2 74.7 74.8 75.2 76.3 42.8 56.7 61.1 64.9 69.2 70.4 72.7 74.1 74.3 75.3 75.8 75.8 76.3 76.4 76.8 77.9 43.4 57.8 62.3 66.3 70.8 72.1 74.5 75.9 76.1 77.2 77.7 77.7 72.2 78.3 78.7 79.8 43.5 58.1 62.3 66.7 71.2 72.5 74.9 76.3 76.6 77.6 78.1 78.2 78.6 78.8 79.2 80.3 <u>≥</u> 43.8 58.6 63.2 67.4 72.2 73.5 75.9 77.4 77.6 78.7 79.2 79.3 79.7 79.9 80.3 81.4 44.1 59.2 63.9 68.2 73.1 74.5 77.1 78.6 78.8 79.9 80.4 80.5 80.9 81.1 81.5 82.6 44.2 59.5 64.4 68.9 74.0 75.4 78.1 79.7 80.0 81.1 81.6 81.7 82.1 82.3 82.7 83.8 44.2 59.7 64.7 69.2 74.4 76.0 78.7 80.4 80.7 81.8 82.3 82.4 82.8 83.0 83.4 84.5 44.3 59.9 64.9 69.6 75.1 76.7 79.6 81.3 31.6 82.8 83.3 83.4 83.9 84.0 84.4 85.5 44.3 60.0 65.1 69.9 75.0 77.3 80.2 82.1 82.8 83.3 84.7 84.9 85.3 86.4 44.4 60.2 65.4 70.3 76.2 78.1 81.1 83.2 83.5 84.8 85.4 85.5 85.9 86.1 86.5 87.6 88.0 89.1 ≥ 1000 44-4 | 60-3 | 65-6 | 70-5 | 76-8 | 78-7 | 82-0 | 84-3 | 64-7 | 86-2 | 86-9 | 86-9 | 87-4 | 87-6 | 88-0 | 89-1 44-4 00-4 65-7 70-7 77-1 79-2 82-7 85-3 85-8 87-5 88-3 88-4 89-0 89-1 89-0 90-8 44.4 60.4 65.7 70.8 77.3 79.5 63.2 85.9 86.6 88.7 89.9 90.0 90.7 91.0 91.6 93.0 44.4 60.4 65.7 70.9 77.4 79.6 83.3 86.1 86.9 89.2 90.8 91.0 92.1 92.6 93.6 95.3 44.4 60.4 65.7 70.9 77.4 79.6 83.3 86.2 86.9 87.3 90.9 91.1 92.4 93.1 94.5 97.7 44.4 60.4 65.7 70.9 77.4 79.6 83.3 86.2 86.9 89.3 90.9 91.1 92.5 93.2 94.7100.0 :00

#### CEILING VERSUS VISIBILITY

23268

MCCLELLA . AFE CALIF/SACKEMENTU

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FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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## CEILING VERSUS VISIBILITY

23208

MCCLELLAS AFE CALIF/SACRAMENTO

40-72

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# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

AS BUTY STATUTE MUES

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1,5	F. N.5	59.0	63.5	64.7	65.2	65.6	65.7	55.0	65.7	65.9	04.0	56.1	66.1	56.1	65.2	56.2	65.3
2	. YO										73.1						
٠ .	exc										73.4						
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>	4000										75.4						
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>	2000	70.4	76.4	77.8	78.5	79.0	79.1	79.2	79.3	79.3	70.4	79.5	79.5	79.5	79.6	79.6	79.7
≥	2000	70.7	76.9	78.2	78.9	79.4	79.5	79.7	79.8	79.8	79.9	90.0	80.0	80.0	80.0	80.i	80.2
	5000	72.0	78.2	79.0	80.3	30.8	80.9	81.1	81.1	81.2	81.3	81.3	81.3	81.4	81.4	81.5	81.6
. ≥	1000	73.2	79.6	81.0	81.7	82.2	82.3	82.5	82.6	82.6	82.7	8.58	87.8	82.8	82.8	82.9	83.0
≥	5000	74.4	81.0	82.5	83.3	83.8	63.9	94.1	84.2	84.2	84.3	94.4	84.4	84.4	84.4	84.5	84.6
≥	5000	75.9	82.9	84.4	85.2	85.7	65.8	86.0	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.4	86.5
	4500										87.2						
≥	4900	77.9	85.1	80.8	87.6	88.2	88.3	88.5	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.9	89.0
	3500										90.0						
	3000										92.4						
	2500										94.1						
<u>-</u>	2000	82.6	91.3	93.3	94.3	95.1	95.3	95.6	95.7	95.7	95.8	95.9	95.9	90.0	96.0	96.1	96.2
	SU.	32.8	91.5	93.5	94.5	95.3	95.5	95.8	95.9	96.0	96.1	96.2	96.7	90.2	96.3	96.3	96.4
· — <u>-</u>	<b>5</b> °0	83.1	92.1	94.1	95.2	96-1	95.2	96.6	96.7	96.7	96.9	96.9	96.9	97.0	97.0	97.1	97.2
: 3											97.4						
	1000	83.5	92.8	94.9	96.2	97.2	97.4	97.7	97.9	97.9	98.C	98.1	98.1	98.2	98.2	98.3	98.4
' ≥											98.3						
_ ≥											98.61						
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;		93.0	73.2	95.5	90.0	98.0	93.7	98.7	98.9	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.4
. ≥	500 400										99.3						
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. ≥	300 200	93.7	93.3	95.0	70.7	90.2	30 5	33.0	99.2	97.2	99.4	79.5	99.5	77.0	99.7	77.7	77.7
		93 7	73.3	75.0	70.7	90.21	70 • 7	99.0	99.2	99.3	99.4	99.0	33.0	99.7	99.7	77.8	77.7
≥ ≥	100										99.4						
! =	٠ ۱	03.1	720.2	77.0	70.7	70.2	7(1 <b>→</b> 2)	39.0	77.2	77.3	99.4	77.0	77.0	77.1	44.11	77.01	00.0

#### CFILING VERSUS VISIBILITY

23208

MCCLELLAS AFE CALIF/SACRAMENTO

40-72

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# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

4 S B 4 TV | STATUTE WILES

60.0 71.7 72.4 72.6 72.9 72.9 73.0 73.0 73.0 73.1 73.1 73.1 73.1 73.1 73.1 73.1 74.4 78.7 79.4 79.7 59.0 80.0 90.1 80.2 80.2 80.2 80.2 80.2 80.3 80.3 80.3 80.3 80.3 89.3 74.8 79.2 79.9 80.1 80.4 80.5 20.6 80.6 80.6 80.7 80.7 80.7 80.7 80.7 80.7 80.7 ≥ XXX ≥ ×XXX <del>3</del>0000 7000 81.4, 86.3, 87.0, 87.3, 87.6, 87.7, 87.8, 87.9, 87.9, 87.9, 87.9, 87.9, 87.9, 87.9, 87.9, 87.9, 87.9, 88.0 83.7 88.8 89.6 89.9 90.3 90.3 90.4 90.5 90.5 90.5 90.5 90.5 90.6 90.6 90.6 90.6 90.6 3500 3000 2500 <u>></u> 89.2 95.3 96.9 97.4 97.9 98.0 98.2 98.2 98.2 98.3 78.3 98.3 98.3 98.3 98.3 98.3 98.3 5X ≥ ≥ .000 200 ≥ 700 <u>≥</u> 89.8| 96.6| 97.9| 98.5| 99.3| 99.4| 99.7| 99.8| 99.8| 99.8| 99.9| 99.9| 99.9| 99.9| 99<u>.9| 99.9| 99.9| 99.9|</u> 

#### CEILING VERSUS VISIBILITY

23208

MCCLELLAN AFS CALIF/SACRAMENTU

40-72

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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#### CEILING VERSUS VISIBILITY

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MCCLELLA . AFB CALIF/SACRAMENTO

40-72

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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2.5 ≥: 35.5 67.5 87.7 87.8 87.8 87.8 87.8 37.8 87.9 87.9 87.9 87.9 87.9 87.9 37.9 37.9 37.9 87.9 89.8 92.0 92.1 92.2 92.2 97.2 92.2 92.3 92.3 92.3 92.3 97.3 92.3 97.3 92.3 92.3 430 34.9 92.2 92.3 92.4 92.4 92.4 92.4 92.4 92.4 92.4 92.5 92.5 92.5 92.5 92.5 92.5 92.5 2000 Vary 200 5000 94.0: 96.4: 96.0: 96.7: 96.7: 96.7: 96.7: 96.7: 96.7: 96.7: 96.7: 96.7: 96.7: 96.7: 96.7: 96.7: 96.7: 5000 4500 400 3500 2500 222 SOC 200 <u>≥</u> 900 730 ≥ 

### CEILING VERSUS VISIBILITY

23208

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MCCLELLAN AFB CALIF/SACRAMENTU

40-72

JUL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CE.NG ≥ 20000 ≥ 5000 ≥ ×000 ≥ 8000 ≥ \*000 ≥ 6000 ≥ 5000 96.6; 99.2, 99.4; 99.5; 99.5; 99.5; 99.5; 99.5; 99.5; 99.5; 99.5; 99.5; 99.5; 99.5; 99.5; 99.5; 99.5 2 4000 2 3500 ≥ 3000 2500 ≥ ≥ ≥ ,000 ≥ ≥ 

#### CEILING VERSUS VISIBILITY

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HCCLELLAN AF3 CALIF/SACRAMENTO

40-72

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

. C.E. TH. CTAT TEAR E.

ALL

 $\frac{92.0\ 96.1\ 96.3\ 96.4\ 96.5\ 96$ -301 90 ×00 4500 4000 200 700 50°, 300 95.3, 99.6, 99.8, 99.9, 00.0, 0 300 

#### CEILING VERSUS VISIBILITY

·EP

2326 MCCLELLA - AFR CALIF/SACRAMENT , 40-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

80.5 39.2 30.2 91.1 91.5 91.5 91.6 91.5 91.6 91.6 91.6 91.6 91.6 91.7 91.7 91.7 91.7 83.2 92.2 93.7 94.2 94.6 94.7 94.7 94.8 94.8 94.8 94.2 94.8 94.2 94.8 94.2 93.5 74.5 95.1 95.4 95.5 75.0 95.6 95.6 95.0 95.6 95.6 95.6 95.6 95.6 2 -4 `XX 80.2 95.4 90.9 97.5 97.9 97.9 98.0 98.0 98.0 98.0 98.0 98.1 98.1 98.1 98.1 98.1 5000 5000 470 200 300 200 XC 300 **≥** <u>≥</u> 87.6 97.1 98.4 99.2 99.7 99.7 99.8 99.9 99.9 99.9 99.9 59.9100.0100.0100.0100.0 **≙** ≥ 300 

## CEILING VERSUS VISIBILITY

23208

MCCLELLA + AFT CALLF ZSACRAMENTA

40-72

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

. CB . TV 5"A", "F M .ES

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35 NG .	-															
* *.	<b>.</b>	2 6	ž •	≥ 4	≥ 3	≥.	٤.	2	? .		٠.	* *	-		٠.	
No CE NO	59.5	74.6	77.1.	78.5	80.1	80.3	80.5	80.6	80.6	80.R	80.3	80.Ã	80.9	87.9	81.0	81.1
200		-				-	84.8									
> 8000	62.6	78.5	81.4	83.3	84.7	34.9	35.1	85.3	85.3	85.4	85.5	85.5	85.5	45.5	85.6	85.7
5 9000	53.0	17.0	81.7	83.4	85.2	35.4	85.6	85.8	85.8	85.9	86.0	85.0	80.0	86.0	86.1	86.2
, ≥ 4 X <sub>0</sub> °	63.9	80.1	83.0	84.3	80.3	86.5	16.8	86.9	80.9	87.1	97.1	87.1	87.2	37.2	87.2	87.4
≥ 2000	65.1	81.6	84.6	86.5	88.0	88.2	28.4	88.6	88.6	88.7	88.8	88.8	38.8	88.8	88.9	89.0
> X0'	6.6.2	82.9	85.9	88.0	89.4	89.0	89.9	90.0	90.0	90.2	90.2	90.2	90.3	90.3	90.3	90.5
≥ 9000							00.3									
≥ 3000	67.0	84.0	87.1	89.2	90.7	90.9	91.2	91.3	91.3	91.5	91.5	91.5	91.4	91.6	91.6	91.8
≥ '000							91.9									
≥ 500°	68.Q						92.5									
≥ 5000	68.7						93.6									
≥ 4500	69.Q						94.G									
≥ 4000	59.5	87.2	90.4	92.6	94.2	94.4	94.7	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.2	95.3
≥ 3500							95.2									
≥ 34.00	70.3						95.8									
≥ 2500							96.4									
≥ 2000							96.9									
≥ 306							97.0									
≥ '500							97.3									
≥ 1270							97.5									
	71.4	89.7	93.1	93.4 88 8	9/02	9/.5	97.9	73.1	96.1	98.3	70.3	75.3	98.4	98.4	98.4	90.0
≥ %∂ ≥ 800																98.7
<del></del>		69.9					98.2									
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·		89.5					98.5									
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<u> </u>	1	4.47	// 7				14.9	7007	7007	* / • 61	77.3	* * * * * * * * * * * * * * * * * * * *				<u> </u>

## CEILING VERSUS VISIBILITY

23208

MCCLELLA- AFR CALIF/SACRAMENTO 39-72

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#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CELNO .	<del>-</del>						. 5/8 .		E M LFS							
FEET	≥ ;	≥ e	≥ 5	≥ 4	≥ 3	≥:	≥;	2 .	2 .	?	2 .	2 +	*	.* <b>*</b>	٠.	*
io se (NS)	30.2	51.7	55.4	59.0	61.9	62.5	63.7	64.4	64.4	65.1	55.4	65.5	65.8	05.3	66.2	66.0
2 10000	38.6	55.4	59.9	63.4	66.7	67.4	58.8	69.5	69.6	70.3	70.7	70.7	71.1	71.1	71.0	72.3
≥ 800	38.7	55.0	60.L	63.7	67.0	67.7	69.1	69.8	70.0	70.7	71.0	71.1	71.4	71.4	71.9	72.6
> *00x										71.3						
≥ 4000	39.7	57.1,	61.8	65.5	69.1	69.8	71.3	72.1	72.2	73.0	73.3	73.4	73.7	73.7	74.2	74.9
≥ 2000	40.8	58.8	63.6	67.5	71.2	72.1	73.5	74.3	74.5	75.3	75.0	75.7	70.0	76.1	76.5	77.3
> 5000	41.5	59.3	64.8	68.7	72.5	73.3	74.9	75.7	75.9	76.7	77.1	77.1	77.5	77.5	78.3	78.7
≥ 9000	41.8	60.2	65.2	69.2	73.0	73.8	75.4	76.2	76.4	77.2	77.0	77.6	76.0	78.0	78.5	79.2
≥ 8000										78.9						
≥ 7000	43.7	62.6	67.8	71.9	75.8	76.7	78.3	79.2	79.3	89.1	80.5	80.6	80.9	81.0	81.4	82.2
≥ 6000	44.5	63.8	68.9	73.1	77.1	78.0	79.6	80.5	30.7	81.5	81.9	81.9	82.3	82.3	82.8	83.5
≥ 5000	45.4	65.7	70.4	74.7	78.8	79.7	31.4	82.3	82.5	83.3	83.7	83.7	84.1	84.1	84.6	85.3
≥ 4500	45.8	65.7	71.0	75.3	79.5	80.4	82.1	83.0	83.1	83.9	84.3	84.4	84.7	84.8	85.Z	86.0
≥ 4000	46.5	66.8	72.1	76.5	80.7	81.6	83.4	84.3	84.4	85.2	85.6	85.7	86.0	86.1	96.5	87.3
≥ 3500	47.0	67.5	72.9	77.3	81.6	82.5	84.3	85.2	85.3	86.2	80.6	86.6	87.0	87.0	37.5	88.2
≥ 3000	47.6	68.4	73.9	78.3	82.7	83.7	85.4	86.3	86.5	87.3	87.7	87.8	88.1	88.2	88.0	89.4
≥ 2500	48.2	69.2	74.5	79.3	83.8	84.8	86.6	87.5	87.7	88.5	88.9	89.0	89.3	89.4	89.8	90.6
≥ 2000	48.6	70.0	75.6	80.2	84.8	85.8	87.7	88.6	88.8	89.7	90.1	90.1	90.5	90.5	91.0	91.7
≥ '800	48.7	70.2	75.8	80.4	85.0	86.1	87.9	88.9	89.1	90.0	90.4	90.4	90.8	90.8	91.3	92.0
≥ 1500	49.0	70.7	76.4	81.1	85.8	86.8	R8.8	89.8	90.0	90.9	91.3	91.3	91.7	91.7	92.2	92.9
≥ 1200	49.2	71.1	76.8	81.6	86.4	87.5	89.4	90.5	90.7	91.6	92.0	92.0	92.4	92.4	92.9	93.6
≥ 1000	49.4	71.4	77.1	82.0	86.9	88.0	90.0	91.1	91.3	92.2	92.6	92.7	93.0	93.1	93.5	94.3
≥ 900	49.4	71.4	77.2	82.1	87.1	88.2	90.3	91.4	91.6	92.5	92.9	93.0	93.3	93.4	93.8	94.6
≥ 800	49.4	71.6	77.4	82.3	87.4	28.5	90.6	91.8	92.0	92.9	93.4	93.4	93.8	93.8	94.3	95.1
≥ 700	49.5	71.6	77.5	82.5	87.6	88.8	90.9	92.1	92.3	93.3	93.8	93.8	94.2	94.2	94.7	95.5
≥ 600	49.5	71.7	77.6	82.6	87.9	89.1	91.2	92.5	92.7	93.8	94.2	94.3	94.7	94.7	95.2	95.9
≥ 500	49.5	71.8	77.7	82.7	88.0	89.3	91.6	92.9	93.2	94.3	94.8	94.9	95.3	95.3	95.8	96.6
≥ 400	49.5	71.8	77.8	82.8	88.2	89.5	91.8	93.3	93.6	94.8	95.4	95.5	95.9	95.9	96.4	97.2
≥ 300	49.5	71.8	77.8	82.9	35.3	89.6	92.0	93.5	94.0	95.3	95.9	96.0	96.5	96.6	97.1	98.0
≥ 200	49.5	71.8	77.8	82.9	88.3	89.6	92.0	93.6	94.1	95.5	96.2	96.3	96.8	97.0	97.5	98.6
≥ 100	49.5	71.8	77.8	82.9	88.3	89.6	92.0	93.6	94.1	95.5	96.3	96.4	97.0	97.1	97.8	99.1
≥ 0	49.5	71.8	77.8	82.9	88.3	89.6	92.0	93.6	94.1	95.5	96.3	96.4	97.0	97.2	97.8	100.0

## CEILING VERSUS VISIBILITY

23208

MCCLELLAN AFB CALIF/SACRAMENTO

39-72

) J. C

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

- SBLTY STATUTE MILES

ALL

CEL NO.																
FEE*	≥ ≎	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2 -	≥:	2 .	≥ .	2	2 .	÷ .	•	٠.	٠.	, .
NO SEVING	25.3	34.7	37.8	41.3	44.4	45.1	40.6	47.7	41.8	48.9	49.3	49.4	49.8	49.9	50.3	51.2
≥ 100X	27.2									52.9						
> 8500	27.4	37.8	41.0	44.9	48.3	49.0	50.7	51.7	52.1	53.2	53.6	53.7	54.2	54.3	54.7	55.7
> 600€	27.5	38.1	41.3	45.2	48.6	49.3	51.1	52.3	52.5	53.6	54.4	54.1	54.0	24.7	55.1	56.1
≥ 4000	27.9	38.6	41.9	45.9	49.5	50.3	52.1	53.3	53.5	54.6	55.1	55.2	55.6	55.8	56.2	57.2
≥ ;000										55.9						
≥ 3000										57.4						
≥ √000										58.1						
≥ 8000	30.1				,	-	_			59.4						
≥ ′000	30.7									60.5						
≥ 6000										62.1						
≥ 5000										64.0						
≥ 4506	_5	1					_			65.1						
≥ 4000										66.6						
≥ 3500										67.7						
≥ 3000										69.6						
≥ 2500										71.1						
≥ 2000										73.0						
≥ '800										73.6						
≥ 1500										75.2						
≥ 1200 ≥ 1000										76.9						
										78.7						
≥ 900 ≥ 800	37 5	54.3	59 4	45.4	71.7	73.3	74 5	78.7	70 11	80.7	00.2	81 6	91.0	82 1	83 6	82.6
}- <u> </u>		54.3		65.7						81.8						
≥ 700 ≥ 600	37.6		1							83.2						
<u> </u>										84.8						
≥ 500 ≥ 400	37.6									86.3				88.3	1	1
	37.6									87.6						
≥ 300 ≥ 200										88.5						
≥ 100	37.7									88.6						
≥ "0		54.6	60.1	66.4	74.2	76.2	80.8	84.4	85.0	88.6	90.3	90.6	92.2	92.8	94.41	00.0
		• •	~~~					J	-244	2000	-000	-0-0			- y - V)4	

DATA PRUCESSING BR ICH USAF ETAC AIR WEATHER SERV. /MAC

### CEILING VERSUS VISIBILITY

23208

C

MCCLELLAN AFB CALIF/SACRAMENTO

42-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

> : 31.5 41.9 45.9 48.0 51.0 52.4 54.0 55.2 55.2 56.1 56.5 56.5 56.8 57.0 57.5 59.0 32.4 43.4 47.5 49.8 53.5 54.2 55.9 57.1 57.2 58.2 58.6 58.6 58.9 59.1 59.6 61.2 32.6 43.0 47.7 50.0 53.7 54.5 56.1 57.3 57.4 58.4 58.8 58.8 59.2 59.4 59.8 61.5 32.7 43.8 47.9 50.2 53.9 54.7 56.3 57.5 57.6 58.6 59.0 59.0 59.4 59.5 60.0 61.6 33.4 44.8 48.9 51.2 54.9 55.7 57.3 58.5 58.6 59.6 60.0 60.0 60.4 60.5 61.0 62.6 34.2 46.0: 50.1 52.6 56.3 57.1 58.7 59.9 60.0 61.0 61.4 61.4 61.7 61.9 62.4 64.0 ≥ 0000 ≥ 9000 35.2 47.0 51.2 53.8 57.6 58.4 60.0 61.2 61.3 67.4 62.7 62.7 63.1 63.3 63.8 65.4 35.4 47.2 51.4 54.0 57.8 58.6 60.3 61.5 61.6 62.6 63.0 63.0 63.3 63.5 64.0 65.6 8000 1000 35.8 47.8 51.9 54.7 58.6 59.5 61.1 62.3 62.4 63.4 63.8 64.2 64.4 64.8 66.4 36.6 48.8 53.0 55.9 59.8 60.6 62.3 63.5 63.6 64.6 65.0 65.0 65.9 95.5 66.0 67.6 38.1 50.6 54.9 57.9 61.9 62.7 64.4 65.7 65.8 66.8 67.2 67.2 67.6 67.7 68.2 69.8 39.1 52.3 56.7 59.8 64.0 64.8 56.6 67.9 68.0 69.0 69.4 69.4 69.8 69.9 70.4 72.0 40.1 53.6 58.1 61.3 65.5 66.3 68.1 69.4 69.6 70.6 70.9 70.9 71.3 71.5 72.0 73.6 4500 40.6 54.6 59.1 62.5 66.7 67.5 69.2 70.6 70.7 71.8 72.2 72.2 72.5 72.7 73.2 74.8 41.1 55.2 59.8 63.2 67.5 68.3 70.1 71.4 71.6 72.7 73.0 73.0 73.4 73.6 74.1 75.7 41.8 56.5 61.2 64.7 68.9 69.8 71.6 73.0 73.1 74.2 74.6 74.6 74.9 75.1 75.6 77.2 42.4 57.7 62.5 66.1 70.5 71.4 73.3 74.6 74.8 75.8 76.2 76.6 76.7 77.2 78.8 42.8 58.5 63.3 67.2 71.6 72.6 74.6 76.0 76.1 77.2 77.6 78.0 78.1 78.6 80.2 42.9 58.7 63.5 67.4 71.9 72.9 74.9 76.3 76.4 77.5 77.9 77.9 78.2 78.4 78.9 80.5 43.3 59.3 64.2 68.2 72.8 73.7 75.7 77.1 77.3 78.4 78.8 78.9 79.2 79.3 79.8 81.4 43.4 59.7 64.6 68.6 73.4 74.3 76.4 77.8 78.0 79.1 79.5 79.5 79.9 80.0 80.5 82.1 2500 <u>≥</u> 43.5 59.9 65.1 69.1 74.1 75.0 77.1 78.6 78.7 79.9 80.3 80.3 80.6 80.8 81.3 82.9 43.5 60.0 65.2 69.3 74.3 75.4 77.5 79.1 79.2 80.4 80.8 80.8 81.2 81.4 81.8 83.4 ≥ ≥ 43.6 60.1 65.5 69.7 75.1 76.1 78.3 79.8 80.0 81.2 81.7 82.1 82.2 82.7 84.3 43.7 60.3 65.9 70.4 76.1 77.2 79.5 81.0 81.2 82.5 83.0 83.0 83.3 83.5 84.0 85.6 43.9 60.6 66.2 70.7 76.6 77.8 80.0 81.7 81.7 82.1 82.5 82.7 83.2 84.8 83.9 60.6 66.2 70.7 76.6 77.8 80.0 81.7 81.9 83.3 83.8 83.8 83.8 84.1 84.3 84.8 84.5 43.9 60.7 66.3 70.9 75.9 78.1 80.5 82.4 82.7 84.1 84.3 84.8 84.5 83.9 60.7 66.3 70.9 75.9 78.1 80.5 82.4 82.7 84.1 84.3 84.8 84.5 83.9 60.7 66.3 70.9 75.9 78.1 80.5 82.4 82.7 84.1 84.3 84.8 84.5 800 700 43.9 60.8 66.4 71.2 77.3 78.8 81.3 83.4 83.9 85.5 86.1 86.2 86.9 87.2 87.9 89.7 43.9 60.9 66.6 71.4 77.7 79.1 81.7 83.9 84.4 86.3 87.5 87.7 88.7 89.1 90.3 92.7 43.9 60.9 66.6 71.4 77.7 79.1 81.7 83.9 84.5 86.5 67.5 87.9 89.0 89.9 91.7 98.1 43.9 | 60.9 | 66.6 | 71.4 | 77.7 | 79.1 | 81.7 | 83.9 | 84.5 | 86.5 | 87.6 | 87.9 | 89.1 | 90.0 | 92.0 | 90.0

2854

## CEILING VERSUS VISIBILITY

23208

0

MCCLELLAM AFB CALIF/SACRAMENTO 41-72

MAL

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

+ 518 ( TY STATUTE MILES

0300**-0**500

25,50	<del>-</del>				~				·							
eff.	≥ :	≥e	≥ 5	<u>.</u> 4	≥ 3	≥ ^ .	2.	≥	≥ .	2	٠.	2.4			2 .	2.
TNOTEL NOT	29.6	40.0	43.0	45.2	48.4	49.0	50.6	50.2	51.1	51 4	52 1	52.3		42.1	55 7	55. Q
≥ .000	30.7	41.0	44.9	47.3	50.5	51.2	52.8	53.1	53.2	53.8	54.4	54.5	55.1	55.3	55.è	58.1
≥ 8000							52.9									
≥ 1000							53.1									
≥ 4000	31.3	42.7	45.8	48.2	51.6	52.3	53.8	54.2	54.3	56.9	55.3	55.5	56.1	36.4	55.9	59.2
≥ 2000							54.9									
≥ 2000							76.1									
≥ 9000	32.9	45.1	48.3	50.8	54.2	54.9	56.5	56,8	50.5	57.6	58.3	53.4	55.8	29.1	59.5	61.9.
≥ 6000	33.7	45.8	49.0	51.6	55.2	55.9	57.4	57.8	57.9	58.5	59.2	59.2	59.8	50.0	60.0	62.5
≥ *000	34.6	40.9	50.2	52.7	56.4	57.1	58.7	59.1	59.2	<u>59,8</u>	50.2	60.5	61.1	61.4.	21.9.	64.2
≥ 6000	35.8	48.5	51.8	54.3	58.1	58.9	60.5	60.9	61.0	61.7	62.3	62.4	63.0	63.2	63.7	66.0
≥ 5000	36.8	50.1	53.7	56.4	60.2	61.n	62.6	63.1	63.2	63.8	04.5	64.5	<u> 55.1</u>	05.4	65.9	68.2
≥ 4500	37.7	51.3	55.0	57.8	61.6	62.4	63.9	64.4	54.6	65.2	65.9	65.9	56.5	66.8	67.5	69.6
≥ 4000	38.1	52.4	20.4	59.3	63.1	63.9	65.6	66.V	66.2	66.8	67.5	67.5	68.1	68.4.	68.9	71.2
≥ 3500 ≥ 3000							67.1									
<del></del>							68.8									
≥ 2500 ≥ 2000							70.3									
<u> </u>							71.7									
≥ 1800 ≥ 1500	40.8	57.5	62-0	65.7	69.9	70.8	72.6	72.7	72.6	76 1	74.8	74.8	75 5	75.8	74.3	79.6
≥ '200							73.6									
≥ 1000							74.3									
≥ 900	41.1	58.7	63.6	67.5	72.1	73.1	75.1	75.9	76.1	76.8	77.5	77.5	78.2	78.4	79.0	81.3
≥ 800							75.6									
≥ 700	41.1	58.9	63.9	68.0	72.9	73.9	75.9	76.8	77.0	77.7	78.4	78.4	79.1	79.4	79.9	82.3
≥ 600	41.2	59.1	64.1	69.4	73.6	74.0	76.6	77.6	77.9	78.6	79.3	79.3	80.0	80.2	80.8	83.2
≥ 500							77.5									
≥ 400	41.3	59.5	64.8	69.2	74.9	75.9	78.2	79.4	79.6	80.6	81.4	81.4	82.1	82.4	82.9	85.3
≥ 300	41.3	59.0	64.9	69.5	75.3	76.3	78.9	80.3	80.6	82.0	82.9	83.0	83.9	84.4	85.2	87.8
≥ 200	41.3	59.6	64.9	69.5	75.3	76.3	79.0	80.5	81.0	82.7	84.2	84.3	85.7	86.5	87.5	90.8
≥ 100	41.3	59.6	64.9	69.5	75.4	76.4	79.1	80.6	81.1	83.0	84.6	84.7	86.4	87.5	89.4	95.2
≥ 0	41.3	59.6	64.9	69.5	75.4	76.4	79.1	80.6	81.1	83.0	84.6	84.7	86.5	87.6	89.81	00.0

## CEILING VERSUS VISIBILITY

23200

MCCLELLAS AFR CALIF/SACRAMENTO

40-72

JAH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13, 47, TATUTE 41, 63 a

0600-0300

10, 50										•						
*{{\frac{1}{2}}}	2 1	2:	2 4	≥ 4	≥ 3	≥.	≥:	2	2 .	.*	٠.	•	•		٠.	•
140 EE LNE	25.3	32.3	34.7	36.7	40.4	41.0	43.0	44.5	44.7	45.7	40.3	45.4	47.6	47.9	48.5	52.8
:										48.7						
2 8000	27.1	34.5	37.2	39,4	43.4	44.1	40.1	47.6	47.9	49.0	49.5	49.7	51.0	51.3	52.2	54.5
₹ %XX	27.4	34.0	37.5	39.8	43.8	44.6	46.0	48.1	45.4	49.5	50.1	50.2	51.5	51.5	52.0	55.0
≥ 4000	20.0	35.6	38.4	40.9	45.0	45.7	47.8	49.3	49.6	50.7	51.3	51.4	52.7	53.0	53.9	56.2
≥ 2000										52.1						
> 7000	29.2	37.5	40.5	43.1	47.4	48.1	50.5	52.1	52.4	53.5	54.1	54.7	55.5	55.8	56.7	59.0
2 9000	29.4	37.8	40.8	43.4	47.7	48.5	50.8	52.4	52.7	53.8	54.5	54.5	55.9	55.2	57.0	59.4
≥ 5000	30.3	39.0	42.1	44.7	49.0	49.8	52.2	53.8	54.1	55.2	55.9	55.9	57.2	57.6	58.4	9.00
≥ '000	31.1	39.9	43.0	45.7	50,0	50.8	53.7	54.9	55.3	54,4	57,0	57.0	58.4	58.7	59.6	61.9
≥ 6000										58.2						
≥ 5000	33.1	42.9	40.1	48.9	53.6	54.5	57.0	58.7	59.1	60.3	60.9	61.7	62.3	62.6	63.5	65.9
≥ 4000	33.9	44.0	47.2	50.2	54.9	55.8	58.2	60.1	60.4	61.6	62.2	62.3	63.6	04.0	64.0	67.2
≥ 4000	34.3	45.0	48.2	51.2	56.0	56.9	59.5	61.3	61.6	67.8	63.6	63.7	65.0	65.3	66.2	66.6
≥ 3500	34.9	45.9	49.1	52.2	57.1	57.9	60.6	62.4	62.8	64.0	64.8	64.9	66.3	66.6	67.5	69.9
≥ 3000	35.5	47.1	50.6	53.8	<u>5e.7</u>	59.7	62.4	64.3	64.7	65.9	66.6	66.8	68.2	68.5	69.4	71.8
≥ 3500										67.4						
≥ 2000	30.4	49.0	52.8	56.3	61.5	62.5	65.6	67.5	67.9	69.2	70.0	70.1	71.6	71.9	72.8	75.2
≥ \$00										69.8						
≥ '500										70.6						
≥ 200										71.8						
≥ ,000										72.5						
≥ 900 ≥ 900										73.2						
≥ 900										74.0						
≥ 700 ≥ 600										74.7						
= 80.										75.6						
≥ 500 ≥ 400										76.6						
	37.2	21.0	20.0	00.2	6/.0	08.8	72.7	75.5	76.2	78.2	79.5	79.6	81.4	81.8	82.8	85.2
≥ 300	37.2	21.0	20.1	60.0	01.3	09.3	13.3	10.3	11.2	79.6	81.2	81.4	83.4	84.1	85.3	88.2
<del></del>	37.2	21.0	20.1	60.7	01.4	69.3	(3.5	76.6	77.5	8n.2	82.1	82.5	85.1	86.0	88.1	91.4
00, ≤	37.2	21.0	20.1	60.7	01.4	69.3	73.5	10.0	11.5	30.3	82.3	52.7	85.5	86.7	87.5	95./
= 0	31.2	21.0	20.1	00.7	01.4	07.3	13.3	10.6	11.5	80.3	82.4	5Z.7	32.6	06.9	77.7	100.0

#### CELLING VERSUS VISIBILITY

23208

MCCLELLAS AFB CALIF/SACRAMENTO

40-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

is a mistar made

0900-1100

25.8 32.7 35.0 37.7 40.7 41.6 43.5 45.2 45.6 46.6 47.2 47.2 47.0 47.9 48.5 49.4 28.3 36.3 38.9 41.8 45.0 46.0 48.2 50.2 50.6 51.8 52.3 52.4 52.6 53.1 28.7 36.7 39.3 42.2 45.5 46.5 48.7 50.7 51.1 57.3 52.9 57.9 53.4 53.6 54.3 55.4 28.9 37.0 39.7 42.7 46.1 47.0 44.2 51.2 51.6 52.9 53.5 53.5 54.0 54.2 54.9 56.0 29.4 37.9 40.6 43.8 47.2 48.2 50.4 52.4 52.8 54.6 54.7 54.7 55.2 55.4 56.1 57.2 29.9 38.8 41.7 45.0 48.5 49.5 51.8 53.8 54.2 55.4 56.6 56.1 56.5 56.8 57.5 58.6 30.4 39.7 42.7 46.2 49.6 50.9 53.2 55.2 55.6 56.9 57.5 57.6 58.0 58.2 58.9 60.1 30.6 40.1 43.1 46.7 50.3 51.4 53.7 55.7 56.1 57.4 58.0 58.0 58.5 58.7 59.4 60.6 31.4 41.1 44.2 47.9 51.7 52.8 55.1 57.2 57.6 58.8 59.5 59.5 60.0 60.2 60.9 62.0 330 32.3 42.1 45.2 49.0 53.6 54.1 56.4 58.5 58.9 60.2 60.8 60.9 61.3 61.6 62.3 63.4 33.0 43.2 46.3 50.1 54.2 55.4 57.8 59.9 60.3 61.6 62.2 62.3 62.7 62.9 63.6 64.8 34.1 44.6 47.9 51.9 50.3 57.5 59.7 62.1 52.5 63.8 64.4 64.5 64.9 65.1 65.8 67.0 34.7 45.4 48.8 52.9 57.4 58.6 61.0 63.2 63.6 64.9 65.5 65.6 66.6 66.3 67.0 68.1 1500 35.1 45.9 49.3 53.5 58.1 59.4 61.8 64.1 64.5 65.8 66.5 66.5 67.u 67.2 67.9 69.1 35.6 46.8 50.3 54.5 59.2 00.5 63.1 65.4 65.9 67.2 07.8 67.9 68.3 68.6 69.3 70.4 36.1 47.6 51.2 55.6 60.4 61.8 64.4 66.7 67.1 68.4 69.1 69.1 69.5 69.8 70.5 71.6 36.5 48.3 52.0 56.6 51.5 02.9 65.6 68.0 68.4 69.7 70.4 70.4 70.9 71.1 71.8 73.0 37.1 49.4 53.3 58.0 63.1 64.6 67.3 69.7 70.2 71.6 72.3 72.3 72.8 73.0 73.7 74.9 37.2 49.6 53.4 58.1 63.3 64.8 67.5 69.9 70.5 71.8 72.5 72.5 73.0 73.2 73.9 75.1 37.5 50.3 54.2 59.1 64.4 65.9 68.8 71.3 71.8 73.2 73.9 73.9 74.4 74.6 75.3 76.5 37.7 50.8 55.0 60.1 65.5 67.0 69.9 72.5 73.0 74.4 75.1 75.2 75.6 75.9 76.5 77.7 37.8 51.2 55.6 60.9 66.7 68.3 71.3 74.0 74.6 76.1 76.8 76.8 77.3 77.5 78.3 79.4 37.9 51.3 55.7 61.0 66.9 68.7 71.8 74.6 75.2 76.7 77.5 77.5 78.0 76.2 78.9 80.1 37.9 51.4 55.9 61.2 67.4 69.3 72.5 75.4 76.0 77.5 78.2 78.2 76.7 78.9 79.6 80.8 38.0 51.5 56.2 61.7 68.1 70.1 73.4 76.4 77.0 78.6 79.4 79.4 79.9 80.1 80.8 62.0 38.1 51.9 56.5 62.2 68.9 71.1 74.7 78.1 78.7 80.5 82.6 83.7 83.7 84.2 84.5 85.2 86.5 38.1 51.9 56.7 62.4 69.8 72.1 76.4 80.7 81.6 83.9 85.3 85.4 86.0 86.4 87.2 88.6 38.1 51.9 56.7 62.4 69.8 72.1 76.4 80.7 81.6 83.9 85.3 85.4 86.0 86.4 87.2 88.6 38.1 51.9 56.7 62.4 69.8 72.3 76.7 81.2 82.5 85.7 88.6 88.9 90.3 91.2 92.9 95.1 38.1 51.9 56.7 62.5 69.9 72.3 76.7 81.2 82.5 85.7 88.6 88.9 90.3 91.2 92.9 95.1 38.1 51.9 56.7 62.5 69.9 72.3 76.7 81.2 82.5 85.7 88.6 88.9 90.7 91.7 93.8 100.0 37.1 49.4 53.3 58.0 63.1 64.6 67.3 69.7 70.2 71.6 72.3 72.8 73.0 73.7 74.9 200 700 ≥ ≥ 300 200

#### CEILING VERSUS VISIBILITY

23208

MCCLELLA" AFE CALIF/SACRAMENTO

40-72

JAH 1200-1400

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

AR THE STATE OF THE EEE' 29.6 37.5 40.0 42.9 45.2 46.3 48.2 49.3 49.5 50.3 50.6 50.7 56.7 50.8 50.9 50.9 33.5 42.7 45.5 48.7 51.4 52.5 54.5 55.A 56.0 56.8 57.1 57.2 57.3 57.4 57.4 57.5 33.7 43.0 45.9 49.1 51.6 52.9 55.0 56.2 56.4 57.3 57.6 57.7 57.7 57.8 57.9 57.9 34.2 43.5 46.4 49.6 52.3 53.4 55.5 56.8 <u>57.0 57.8 58.1 58.2 58.3 58.3 58.4 58.5</u> 35.5 45.2 48.2 51.5 54.2 55.3 57.5 58.8 59.0 59.8 60.2 60.3 60.3 60.4 60.4 60.5 36.1 45.9 49.2 52.6 55.3 56.5 58.6 60.0 60.2 61.C 61.3 61.4 61.5 61.6 61.6 61.7 30.8 47.3 50.6 54.1 57.0 58.1 50.3 61.7 61.9 62.8 63.1 63.2 63.2 63.3 63.4 63.4 37.2 47.7 51.2 54.7 57.6 58.7 60.9 62.3 62.6 63.4 63.7 63.8 63.9 63.9 64.0 64.1 370x 7700 37.6 48.4 52.0 55.6 58.7 59.9 62.1 63.5 63.8 64.6 54.9 65.0 65.1 65.2 65.2 65.3 33.2 49.2 52.8 56.6 59.7 60.9 63.1 64.6 64.8 65.6 65.9 66.0 66.1 66.2 66.2 66.3 39.0 50.2 54.0 57.8 61.0 62.2 64.5 65.9 66.1 66.9 67.3 67.4 67.4 67.5 67.6 67.6 40.3 52.0 55.8 59.6 63.1 64.3 66.6 68.0 68.3 69.1 69.4 69.5 69.6 69.7 69.7 69.8 40.7 52.6 56.6 60.4 63.9 65.2 67.6 69.0 67.2 70.1 70.4 70.5 70.5 70.6 70.7 70.7 41.7 53.7 57.8 61.7 65.2 66.4 68.8 70.3 70.5 71.3 71.6 71.7 71.8 71.9 71.9 72.0 42.3 54.4 58.6 62.6 66.2 67.5 59.8 71.4 71.6 72.4 72.8 72.9 72.9 73.0 73.1 73.1 43.0 55.4 59.7 64.0 67.8 69.1 71.6 73.2 73.4 74.3 74.6 74.7 74.8 74.9 74.9 75.0 74.0 56.8 61.1 65.5 69.4 70.7 73.4 75.0 75.3 76.1 76.4 76.5 76.6 76.7 76.7 76.7 76.8 74.9 58.2 62.8 67.4 71.4 72.7 75.5 77.3 77.5 78.4 78.7 78.8 78.9 78.9 79.0 79.1 75.1 58.4 63.0 67.8 71.8 73.1 75.9 77.7 78.0 78.8 79.2 79.3 79.3 79.4 79.5 79.5 79.5 59.1 63.9 68.7 73.1 74.5 77.4 79.2 79.5 80.4 80.7 80.8 80.8 80.9 81.0 81.0 3000 2500 46.0 59.8 64.6 69.8 74.6 76.0 79.0 80.9 81.2 82.1 82.4 82.5 82.6 82.5 82.7 82.8 '000 46.2 60.4 65.4 70.8 76.0 77.7 80.8 83.0 83.2 84.2 84.5 84.6 84.7 84.7 84.8 84.9 46.3 60.7 65.7 71.3 76.7 78.6 81.8 84.1 84.3 85.4 85.7 85.8 85.9 85.9 86.0 86.0 46.5 61.0 66.2 72.0 77.8 79.7 83.0 85.5 85.8 86.9 87.2 87.4 87.5 87.5 87.6 87.7 46.5 61.0 66.4 72.3 78.3 80.5 84.0 86.6 87.0 88.2 88.5 88.6 88.8 88.8 88.9 89.0 46.5 61.1 66.6 72.7 79.0 81.3 85.1 88.1 88.5 89.6 90.3 90.4 90.6 90.6 90.7 90.8 46.6 01.2 66.7 72.9 79.7 82.4 86.9 90.2 90.8 92.4 93.0 93.1 93.3 93.4 93.5 93.6 46.6 61.2 66.8 73.0 79.9 82.9 87.8 91.2 91.9 93.9 94.8 95.0 95.1 95.2 95.4 95.5 46.6 61.2 66.8 73.0 79.9 83.0 88.2 91.9 92.8 95.3 96.6 96.9 97.2 97.3 97.7 97.9 46.6 61.2 66.6 73.0 79.9 83.0 88.2 91.9 92.9 95.5 97.1 97.5 98.1 98.6 99.0 99.3 46.6 61.2 66.6 73.0 79.9 83.0 88.2 91.9 92.9 95.5 97.2 97.6 98.3 98.7 99.3 99.9 46.6 61.2 66.8 73.0 79.9 83.0 88.2 91.9 92.9 95.5 97.2 97.6 98.3 98.7 99.3 99.9 46.6 61.2 66.8 73.0 79.9 83.0 88.2 91.9 92.9 95.5 97.2 97.6 98.3 98.7 99.3 99.9 300

#### CEILING VERSUS VISIBILITY

23208

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MCCLELLAS AFR CALIF/SACRAMENTU

40-72

JAN

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

45. TV STATUTE WILES

1500-1700

31.4 39.9 42.9 45.4 48.2 49.4 51.7 52.5 52.6 53.5 53.6 53.8 53.8 53.8 53.8 53.8 53.9 35.7 45.5 49.0 51.5 54.7 56.1 58.5 59.4 59.0 60.4 60.0 60.8 50.9 60.9 60.9 60.9 35.9 45.3 49.3 51.9 55.1 56.4 58.8 59.8 59.9 60.8 61.2 61.2 61.2 61.2 61.2 61.3 36.1 46.1 49.0 52.2 55.5 56.8 59.3 60.2 60.4 61.2 61.0 61.6 61.7 61.7 61.7 61.7 01.7 37.2 47.7 51.2 53.9 57.2 58.5 51.0 62.0 62.2 63.1 53.4 63.4 63.5 53.5 63.5 63.6 38.0 48.0 52.4 55.2 58.0 00.0 52.5 63.6 63.7 64.6 65.0 65.0 65.0 65.0 65.0 65.0 65.1 36.6 49.5 53.5 56.3 59.8 61.2 53.8 64.9 65.0 65.9 66.2 66.2 66.3 66.3 66.3 66.4 38.8 49.3 53.6 56.5 60.0 61.3 63.9 65.0 65.2 66.0 60.4 60.4 66.5 66.5 66.5 66.6 40.3 51.6 55.6 58.5 62.3 63.7 66.3 67.4 67.6 68.4 68.8 68.8 68.9 68.9 68.9 69.0 8000 41.3 52.9 57.0 60.0 63.8 65.2 67.9 69.0 69.2 70.0 70.4 70.4 70.5 70.5 70.5 70.6 42.2 54.3 58.4 61.6 65.4 66.9 69.5 70.7 70.8 71.7 72.1 72.1 72.2 72.2 72.2 72.3 43.4 56.0 60.3 63.6 67.5 69.0 71.7 72.9 73.0 73.9 74.2 74.2 74.3 74.3 74.3 74.4 44.2 56.9 61.3 64.8 68.7 70.2 73.0 74.1 74.3 75.2 75.5 75.5 75.6 75.6 75.6 75.7 4500 45.1 57.9 62.3 65.8 69.8 71.4 74.1 75.4 75.5 76.4 76.8 16.8 76.9 76.9 76.9 77.0 45.9 58.9 63.4 67.0 71.0 72.6 75.4 76.8 76.9 77.8 78.2 78.2 78.3 78.3 78.3 78.3 78.4 46.7 60.0 64.7 68.3 72.6 74.2 77.2 78.6 78.7 79.6 30.0 80.0 80.0 80.1 80.1 80.1 80.2 47.5 61.3 66.0 70.0 74.4 76.0 79.1 80.5 80.6 81.5 81.9 81.9 82.0 82.0 82.0 82.1 88.4 62.9 67.8 72.1 76.7 78.4 81.6 83.0 83.2 84.2 34.6 84.6 84.7 84.7 84.7 84.8 48.5 63.2 68.1 72.4 77.1 78.9 82.1 83.5 83.7 84.6 85.0 85.0 85.1 85.1 85.1 85.2 3500 3000 7500 500 48.7 63.5 68.5 73.2 78.1 80.0 83.3 84.8 84.9 85.9 86.3 86.3 66.4 66.4 86.4 86.5 49.2 64.1 69.2 74.0 79.0 81.0 84.4 86.0 86.2 87.2 87.6 87.6 87.7 87.7 87.7 87.8 1000 49.3 64.4 69.7 74.7 30.1 32.7 85.9 87.6 87.8 88.6 89.2 89.2 89.3 89.3 89.3 89.3 89.4 900 <u>≥</u> 800 49.3 64.7 70.2 75.6 82.4 85.7 90.6 93.9 94.6 96.8 98.2 98.2 98.5 98.6 98.6 98.7 49.3 64.7 70.2 75.6 82.4 85.8 90.6 94.0 94.7 96.9 98.4 92.4 99.0 99.1 99.2 99.5 49.3 64.7 70.2 75.6 82.4 85.8 90.6 94.0 94.7 96.9 98.5 98.5 99.1 99.3 99.5 99.9 49.3 64.7 70.2 75.6 82.4 85.8 90.6 94.0 94.7 96.9 98.5 98.5 99.1 99.3 99.5 99.9 49.3 64.7 70.2 75.6 82.4 85.8 90.6 94.0 94.7 96.9 98.5 98.5 99.1 99.3 99.5 100.0

#### CEILING VERSUS VISIBILITY

23208

MCCLELLAI AFB CALIF/SACRAMENTU

41-72

MAL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

\*65. No 30.7 40.0 49.1 51.6 54.5 55.6 57.1 57.8 57.9 58.7 59.1 59.1 59.2 59.2 59.4 59.7 38.5 48,4 51.6 54.3 57.3 58.4 60.0 60.7 60.7 61.6 62.0 62.0 62.1 67.1 67.4 62.6 62.6 36.8 48.8 52.0 54.7 57.7 59.8 60.3 61.0 61.1 62.0 62.4 62.4 62.5 67.5 62.7 63.0 39.0 49.1 52.3 55.1 56.1 59.2 60.7 01.4 61.5 62.4 62.6 62.9 62.9 62.9 63.1 63.4 39.4 47.8 53.2 56.0 59.0 60.2 61.8 62.5 62.6 63.4 63.9 63.9 64.0 64.0 64.2 64.5 40.3 51.3 54.6 57:6 60.8 62.2 63.5 64.3 64.3 65.2 55.0 65.6 65.8 65.8 66.0 66.3 41.3 52.5 56.2 59.0 62.4 63.7 55.3 66.0 60.1 66.9 67.4 67.4 67.5 67.5 67.7 68.0 3000 41.6. 53.0 50.6 59.3 62.8 04.1 65.7 66.4 66.5 67.3 67.8 67.8 67.9 67.9 68.1 63.4 42.2 53.9 57.0 60.4 63.9 05.2 66.3 67.6 67.7 68.6 69.6 69.0 69.2 69.2 69.4 69.6 43.7' 55.7' 59.6 62.6 66.3 67.6 69.2 70.0 70.1 71.0 71.4 71.4 71.6 71.5 71.d 72.0 44.6 56.9 60.9 64.0 67.7 69.0 70.0 71.5 71.5 72.4 72.9 72.9 73.0 73.0 73.2 73.5 45.8 58.4 62.6 65.8 69.5 70.8 72.5 73.3 73.4 74.3 74.7 74.7 74.9 74.9 75.1 75.4 46.7 59.6 63.8 67.1 70.9 72.2 73.9 74.7 74.8 75.7 76.1 76.1 76.3 76.3 76.5 76.8 47.6 60.9 65.1 68.6 72.5 73.8 75.5 76.3 76.4 77.3 77.7 77.7 77.9 77.9 78.1 78.4 48.2 61.9 66.2 69.6 72.7 75.0 76.7 77.5 77.6 78.5 78.9 78.9 79.1 79.1 79.3 79.6 5000 ≥ 4500 48.9 63.1 67.5 71.1 75.2 76.5 78.2 79.0 79.1 80.0 80.4 80.4 80.6 80.6 80.8 81.1 49.7 64.2 68.7 72.4 76.5 77.9 79.7 60.6 80.6 81.5 82.0 82.0 82.1 82.1 82.4 82.6 :500 50.41 05.31 70.0. 73.81 78.1, 79.5 81.51 82.4 82.5 83.4 63.8 83.8 84.0 84.0 84.2 84.5 50.6 65.6 70.5 74.3 78.6 80.1 82.1 83.0 83.1 84.0 84.5 84.5 84.6 84.6 84.9 85.1 50.8 66.1 71.0 74.9 79.5 81.0 83.1 84.0 84.1 85.1 85.5 85.5 85.7 85.7 85.9 86.2 51.2 66.8 71.7 75.7 80.5 82.0 84.3 85.2 85.3 86.3 86.7 86.7 86.9 86.9 87.1 87.4 51.2 67.0 72.1 76.2 81.1 82.8 85.2 86.2 86.2 87.3 87.7 87.7 87.9 87.9 88.1 88.4 51.3 67.2 72.4 76.5 81.6 83.5 86.0 87.0 87.1 88.1 88.6 88.6 88.7 88.7 88.9 89.2 51.3 67.5 72.7 76.9 82.2 84.1 86.7 87.8 87.9 89.0 89.4 89.4 89.6 89.6 89.8 90.1 51.4 67.6 72.9 77.3 82.8 84.8 87.0 88.8 88.9 90.0 90.5 90.5 90.6 90.6 90.6 90.9 91.1 51.4 67.8 73.1 77.7 83.4 85.5 88.4 89.7 89.8 90.9 91.4 91.4 91.5 91.5 91.7 92.0 51.4 67.8 73.2 77.8 83.7 86.0 89.0 90.4 90.6 91.8 92.3 92.3 92.4 92.4 92.7 92.9 51.4 67.9 73.3 77.9 84.1 86.6 89.9 91.6 91.9 93.3 93.9 93.9 94.0 94.0 94.3 94.6 51.4 67.9 73.3 77.9 3 3 86.8 96.2 92.3 92.7 94.5 95.2 95.3 95.6 95.6 95.9 96.1 51.4 67.9 73.4 78.0 3 86.9 96.3 92.5 92.9 94.9 95.0 96.0 96.7 97.0 97.3 97.8 51.4 68.0 73.4 78.0 83.4 86.9 90.3 92.5 92.9 94.9 96.1 96.1 96.9 97.2 97.7 99.1 51.4 68.0 73.4 78.0 84.4 86.9 90.3 92.5 92.9 94.9 96.1 96.1 96.9 97.2 97.8 100.0

### CEILING VERSUS VISIBILITY

23208

MCCLELLAN AFE CALIF/SACRAMENTO

42-72

210<u>0-53</u>00 Nar

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

KBUTK STATE TENERS

NO 08. NO 34.1 44.8 48.0 50.7 54.2 55.2 56.5 57.0 57.2 58.3 58.7 58.7 59.0 59.1 59.4 00.2 35.3 46.5 50.3 52.6 56.2 57.3 58.5 59.1 59.3 60.4 50.7 60.8 61.1 61.2 61.5 02.3 35.6 45.8 50.6 52.9 50.5 57.5 58.8 59.4 59.6 60.7 61.0 61.1 61.4 61.5 61.8 62.6 35.7 47.0 50.8 53.1 56.7 57.7 59.0 59.6 59.8 60.9 61.2 61.7 61.6 61.7 62.0 62.8 36.2 47.6 51.5 53.8 57.4 58.4 59.7 60.3 60.5 61.6 61.9 61.9 62.3 62.4 62.7 63.6 37.0 49.0 52.9 55.4 59.0 00.1 61.3 61.9 62.1 63.7 63.5 63.6 63.9 64.0 54.4 65.2 38.0 50.1 54.1 56.7 60.5 61.5 62.8 63.6 63.8 64.9 65.2 65.7 65.6 65.7 66.0 66.9 38.1 50.3 54.3 56.9 60.7 61.7 53.0 63.8 64.0 65.1 65.4 65.4 65.8 65.9 60.2 67.1 9000 1200 38.8 51.2 55.3 57.9 61.8 62.9 64.2 65.0 65.2 66.4 66.7 66.7 67.1 67.2 67.5 68.3 40.2 53.0 57.2 60.0 63.9 65.1 56.4 67.2 67.4 68.5 68.8 68.9 59.3 69.3 69.7 70.5 41.6 54.7 59.0 61.9 66.0 67.1 68.4 69.2 69.5 70.6 70.9 70.9 71.3 71.4 71.7 72.6 <u>42.7 56.3 60.7 63.7 67.7 68.8 70.2 71.0 71.2 72.3 72.6 72.7 73.1 73.1 73.2 74.3</u> 43.4 57.4 61.8 64.9 58.9 70.1 71.4 72.2 72.4 73.6 73.9 73.9 74.3 74.4 74.7 75.6 4500 44.1 58.3 62.9 66.1 70.2 71.4 72.7 73.5 73.8 74.9 75.2 75.7 75.6 75.7 76.3 76.9 44.7 59.4 64.0 67.3 71.4 72.6 73.9 74.7 75.0 76.1 76.4 76.5 76.8 76.9 77.3 78.1 ±500 45.4 60.8 65.4 68.8 72.9 74.0 75.4 76.3 76.5 77.6 77.9 78.0 78.3 79.4 78.8 79.6 46.1 61.9 66.6 70.1 74.3 75.4 76.8 77.6 77.9 79.0 79.4 79.4 79.8 79.9 80.2 81.0 46.7 63.1 68.0 71.7 76.0 77.2 78.7 79.5 79.7 80.9 81.2 81.2 81.0 81.7 92.0 82.9 40.3 63.3 68.3 72.1 76.4 77.5 79.0 79.9 80.1 81.3 81.6 81.6 82.0 82.1 82.4 83.2 2 <u>≥</u> 47.1 64.0 69.0 72.9 77.3 78.5 80.0 80.8 81.1 82.2 82.5 82.6 83.0 83.0 83.4 84.2 47.5 64.6 69.7 73.8 78.3 79.5 81.1 82.0 82.2 83.4 83.7 83.7 84.1 84.2 84.5 85.4 <u>≥</u> 47.6 65.0 70.3 74.4 79.0 80.3 82.0 82.8 83.1 84.3 84.6 84.6 85.0 85.1 85.4 86.3 47.7 65.3 70.0 74.8 79.4 60.7 82.4 83.4 83.6 84.8 85.1 85.1 85.5 85.6 85.9 86.8 47.7 65.5 70.9 75.3 80.1 81.5 83.2 84.2 84.4 85.6 85.9 85.9 86.3 86.4 86.7 87.6 47.9 65.7 71.2 75.8 80.8 82.1 23.9 84.8 85.1 86.3 86.6 86.7 87.1 87.1 87.5 88.3 48.0 65.8 71.4 76.1 81.4 82.8 84.5 85.6 85.9 87.2 87.6 87.6 88.0 88.1 88.4 89.3 ≥ 900 48.0 66.0 71.7 76.5 81.9 83.4 25.2 86.6 87.0 88.3 88.7 88.7 89.1 89.2 89.5 90.3 48.0 66.1 71.9 76.7 82.4, 84.2 86.1 87.6 87.9 89.3 39.8 89.8 90.2 90.2 90.6 91.4 43.0 06.2 71.9 76.6 82.6 84.5 86.5 88.3 88.7 90.4 91.1 91.2 91.7 91.8 92.3 93.4 300 48.0 66.2 71.9 76.8 82.6 84.5 8..7 38.6 89.1 91.1 92.2 92.3 92.9 93.1 94.0 95.5 48.0 66.2 71.9 76.8 82.6 84.5 86.7 88.6 89.1 91.2 92.3 92.4 93.2 93.5 94.7 97.5 48.0 66.2 71.9 76.8 82.6 84.5 86.7 88.7 89.1 91.2 92.3 92.4 93.2 93.6 95.1100.0 100

### CEILING VERSUS VISIBILITY

23208

MCCLELLAM AFB CALIF/SACRAHENTU

41-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

. 5 8 . "Y 5"A"\_"E W .ES

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NOTE NO 43.8 54.0 55.0 57.5 59.2 50.6 60.2 60.8 60.9 61.4 51.0 61.8 62.6 67.8 63.1 64.1 45.8 50.7 58.8 60.5 62.5 62.9 53.5 64.2 64.4 64.9 55.3 65.3 60.1 66.3 66.6 67.7 45.8 56.9 58.8 60.6 62.5 62.9 53.5 64.2 64.4 65.0 65.3 65.3 66.2 66.3 66.6 67.7 40.1 57.3 59.2 61.0 62.9 63.3 63.9 64.6 64.8 65.3 65.7 66.7 66.7 67.9 03.1 40.6 58.0 59.9 61.9 63.6 64.3 64.9 65.6 65.8 66.3 66.7 67.5 67.5 66.3 69.1 47.8 59.6 61.7 63.7 65.7 66.2 56.9 67.7 67.8 69.4 68.7 68.7 69.6 69.7 70.1 71.1 49.6 61.9 63.8 65.9 68.1 68.5 69.3 70.1 70.2 70.8 71.2 71.7 72.0 72.1 72.5 73.6 50.1 62.6 64.5 65.6 68.8 69.3 70.0 70.8 70.9 71.5 71.9 71.9 72.7 72.8 73.2 74.3 51.0 63.8 65.7 67.8 70.0 70.6 71.2 72.0 72.2 72.8 73.1 73.1 74.0 74.1 74.5 75.6 20 8000 7000 52.2 65.3 67.2 69.4 71.7 72.3 73.0 73.7 73.9 14.5 74.9 74.9 75.7 75.8 76.2 77.3 53.9 67.8 69.9 72.1 74.5 75.1 75.7 76.6 76.7 77.3 77.7 77.7 78.5 78.7 79.1 39.1 4000 55.2 69.6 71.7 74.0 76.4 77.0 77.6 78.5 78.6 79.3 79.7 79.7 80.5 80.6 81.0 82.1 50.4 71.2 73.3 75.6 78.0 78.6 79.2 80.1 80.2 80.9 81.3 81.3 82.1 32.2 82.6 83.7 57.3 72.7 74.9 77.3 79.7 80.2 80.9 81.7 81.9 82.5 82.9 82.9 83.7 83.9 84.3 85.3 57.9 73.9 76.2 78.6 31.0 81.5 82.2 83.0 83.2 83.8 84.2 84.2 85.0 85.2 85.0 85.6 85.6 ≥ 4000 59.1 75.8 78.3 80.7 83.2 83.7 84.4 85.2 85.4 86.1 86.5 86.5 87.3 87.4 87.8 83.9 59.7 76.8 79.6 82.1 84.6 85.2 95.9 86.7 86.8 87.6 88.0 88.0 88.8 88.9 89.3 90.4 2000 60.6:75.3,81.3:83.8:86.4,86.9,87.6,88.4,88.6,89.3,89.7,89.7,90.5,90.7,41.1,92.1 60.8 78.6 81.7 84.2 86.8 87.3 88.0 88.9 89.0 89.8 90.1 90.1 90.9 9:.1 91.5 92.6 60.9 79.1 82.1 84.7 87.2 87.8 88.6 89.4 89.6 90.3 90.7 90.7 91.5 91.7 92.0 93.1 61.0 79.4 82.6 85.2 87.8 88.4 89.2 90.0 90.2 90.9 91.3 91.3 92.1 92.3 92.6 93.7 61.2 79.8 83.0 85.7 88.4 89.0 89.7 90.6 90.7 91.5 91.8 92.7 92.6 93.2 94.3 61.3 80.0 83.2 85.9 88.6 89.2 90.0 90.9 91.0 91.8 92.1 92.1 93.0 93.1 93.5 94.6 ≥ 161.3 80.1 83.3 86.2 88.9 89.5 70.3 91.1 91.3 92.0 92.4 92.4 93.2 93.4 93.8 94.8 61.4 80.3 83.4 86.3 89.0 89.7 90.5 91.4 91.5 92.3 92.6 92.6 93.5 93.6 94.0 95.1 61.5 80.5 83.7 86.6 89.3 90.1 90.9 91.8 92.0 92.7 93.1 93.1 93.9 94.1 94.4 95.5 61.5 80.5 83.7 86.6 89.4 90.1 91.0 92.0 92.2 92.9 93.3 93.3 94.2 94.3 94.7 95.8 61.5 80.5 83.7 86.6 89.6 90.3 91.2 92.3 92.4 93.2 93.7 93.7 94.5 94.7 95.1 96.1 61.5 80.6 83.8 86.7 89.7 90.4 91.3 92.6 92.8 93.6 94.1 94.1 95.1 95.2 95.0 96.7 61.6 83.9 56.8 89.8 90.5 91.4 92.7 93.0 94.1 94.7 94.8 95.8 96.0 96.4 97.6 ≥ 61.6 80.6 83.9 86.8 89.8 90.5 91.4 92.7 93.0 94.1 94.8 94.9 96.0 96.3 96.7 98.6. 51.6 80.6 83.9 86.8 89.8 90.5 91.4 92.7 93.0 94.1 94.9 95.0 96.1 96.5 96.9100.0

TOTAL NUMBER OF OBSERVATIONS

2674

#### CEILING VERSUS VISIBILITY

23208

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HCCLELLAN AFE CALIF/SACKAHENTS

41-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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0300-0500

40.9 51.7 54.0 55.5 50.7 50.9 57.4 58.0 50.1 58.8 59.1 59.1 59.6 57.7 50.3 62.0 54.3 50.6 58.4 59.9 60.1 60.6 61.3 61.5 67.7 62.5 62.5 63.1 63.1 63.0 65.7 42.8 54.3 56.7 58.4 00.0 60.3 60.7 61.4 51.6 67.3 52.6 62.6 63.2 63.2 63.9 65.8 43.1 54.7 57.1 58.8 60.4 60.6 61.1 61.8 62.0 62.7 63.1 63.1 63.6 63.7 64.4 66.2 43.5 55.4 57.8 59.6 61.3 61.5 62.0 62.6 62.8 63.6 63.9 63.9 64.5 64.6 65.3 67.1 44.5 56.9 59.4 61.3 63.0 63.3 63.8 64.4 64.7 65.4 65.8 65.8 66.3 66.4 67.1 68.9 40.1 58.8 61.3 63.3 65.2 65.5 56.0 66.7 56.9 67.7 68.6 69.0 68.6 68.6 69.3 71.2 48.4 59.3 61.8 63.8 65.7 66.0 66.6 67.2 67.4 68.2 68.5 63.5 59.1 69.2 69.9 71.7 47.3 00.5 62.9 65.0 66.9 07.2 67.7 68.4 68.6 69.4 69.7 69.7 70.3 70.4 \$300 "OX 48.3 61.9 64.4 66.4 68.3 68.6 69.2 69.8 70.0 70.8 71.2 71.7 71.8 72.5 74.4 49.8 53.9 66.5 68.6 70.5 70.8 71.4 72.0 72.3 73.1 73.4 73.4 74.0 74.0 74.7 75.6 51.1 05.3 68.6 70.7 72.7 73.1 73.7 74.3 74.6 75.4 75.8 75.8 76.3 76.4 77.1 79.0 52.1 67.4 70.2 72.5 74.5 74.9 75.5 76.1 76.4 77.2 77.6 77.6 78.1 78.2 78.9 80.8 53.0 69.1 72.0 74.2 76.4 76.7 77.3 77.9 78.2 79.0 79.4 79.4 80.0 80.0 80.7 82.6 53.6 70.1 73.2 75.4 77.5 77.9 78.5 79.1 79.4 80.2 80.0 80.6 81.2 81.2 81.9 83.8 54.9 72.1 75.3 77.6 79.8 80.1 80.8 81.4 81.7 82.5 82.9 82.9 83.5 83.5 84.2 86.1 55.3 73.1 76.4 78.8 81.1 81.5 82.1 82.8 83.1 83.9 84.3 84.8 84.8 84.9 85.6 87.5 2500 50.2 74.5 77.8 80.4 82.7 33.2 83.9 84.5 84.8 85.7 86.0 86.0 86.0 86.7 87.4 89.2 50.3 74.7 78.1 80.7 83.1 83.5 84.2 84.9 85.2 86.0 86.4 86.4 87.0 87.0 87.7 89.6 50.6,75.2,78.7,81.4,83.3,84.3,85.0,85.7,86.0,86.9, 97.2,87.2,87.8, 87.9, 88.6, 90.4 56.9, 75.7 79.2, 81.9 84.4 34.9 85.7 86.4 86.7 87.6 87.9 87.9 88.5 88.6 89.3 91.1 <u>.</u> ≥ 57.1 76.1 79.6 82.3 84.8 85.4 36.3 86.9 87.2 88.1 86.5 88.5 89.1 89.2 89.9 91.7 57.2 76.4 80.0 82.9 85.4 85.9 86.9 87.5 87.8 86.7 89.1 89.1 89.7 39.8 90.5 92.3 57.3 76.5 80.2 83.0 85.5 86.1 87.0 87.7 88.0 88.9 89.3 89.3 89.9 89.9 90.7 92.5 200 57.3 76.6 30.4 83.2 85.9 86.4 87.4 88.1 88.4 89.3 89.7 89.7 90.2 90.3 91.0 92.9 57.5 76.9 80.7 83.5 86.4 86.9 88.0 88.7 89.0 89.9 90.3 90.3 90.8 90.9 91.6 93.5 57.5 76.9 80.7 83.5 86.4 86.9 87.1 88.2 89.0 89.7 90.3 90.8 90.8 91.4 91.4 92.1 94.5 57.5 76.9 80.8 83.7 86.7 87.4 88.6 89.4 89.8 90.8 91.3 91.8 91.9 92.6 94.5 57.5 77.0 80.9 83.8 86.9 87.5 88.8 89.7 90.1 91.2 91.8 91.8 92.4 92.5 93.3 95.3 57.6 77.1 80.9 83.8 86.9 87.6 88.8 89.9 90.4 91.6 92.4 92.5 93.2 93.4 94.3 90.6 57.6 77.1 80.9 83.8 86.9 87.6 88.8 89.9 90.4 91.6 92.4 92.5 93.2 93.4 94.3 90.6 57.6 77.1 80.9 83.8 86.9 87.6 88.8 89.9 90.5 91.7 92.5 92.6 93.4 93.7 95.0 98.0 57.6 77.1 80.9 83.8 86.9 87.6 88.8 89.9 90.5 91.7 92.5 92.6 93.6 93.6 94.0 95.4 100.0 500 200 ≥

#### CEILING VERSUS VISIBILITY

23208

MCCLELLAN AFA CALIF/SACKAMENTJ

40-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS 0000-0300

33.8 41.4 44.0 45.6 47.4 47.8 48.9 49.5 50.0 50.6 51.0 51.1 51.7 51.9 52.3 53.6 30.8 45.9 48.4 50.3 52.3 52.7 54.0 55.1 55.2 55.9 56.4 56.5 57.1 57.3 57.8 59.1 37.1 46.3 48 6 50.7 52.7 53.1 54.4 55.5 55.7 56.3 56.9 57.0 57.6 57.9 56.2 59.6 37.3 40.6 49.1 51.0 53.0 53.4 54.8 55.9 50.0 56.7 57.2 57.3 57.9 58.1 58.0 59.9 36.1 47.8 50.5 52.5 54.6 55.1 50.5 57.6 57.8 58.4 59., 59.1 59.7 59.9 60.3 61.7 39.5 49.7 52.5 54.6 50.7 57.2 58.8 60.0 60.2 60.5 61.4 61.5 62.1 67.3 62.8 64.1 40.3 51.0 53.7 55.9 58.2 58.7 50.3 61.5 61.7 67.4 63.0 63.1 63.7 64.0 64.4 65.8 40.5 51.3 54.2 55.4 58.7 59.2 60.8 62.0 62.2 67.9 63.5 63.6 64.2 54.5 64.7 66.4 41.5 52.6 55.6 57.9 60.3 60.3 52.5 63.7 63.9 64.6 65.2 65.3 66.6 66.2 66.7 63.2 42.3 53.7 50.8 59.1 61.6 62.1 63.8 65.0 65.3 66.0 66.7 66.9 67.4 67.7 68.1 69.6 43.7 55.3 58.6 61.0 63.5 54.9 65.7 67.9 67.2 68.6 68.7 68.9 69.5 69.7 70.2 71.7 45.4 57.7 61.1 63.6 66.2 66.7 58.5 69.7 70.0 70.8 71.5 71.6 72.2 72.5 72.9 74.4 46.7 59.2 62.7 65.4 68.0 68.5 70.3 71.6 71.8 72.6 73.3 73.4 74.1 74.3 74.8 76.3 47.6 60.4 63.9 66.6 69.3 69.9 71.7 73.0 73.3 74.1 74.8 74.9 75.6 75.5 76.4 77.8 48.4 61.6 65.3 68.0 70.7 71.3 73.2 74.4 74.7 75.5 76.2 78.3 77.0 77.3 77.5 79.3 49.5 63.2 67.1 69.9 72.8 73.4 75.4 75.6 76.9 77.7 78.5 78.5 78.2 79.2 79.5 30.0 81.5 50.1 64.5 68.6 71.6 74.7 75.3 77.5 78.8 79.0 79.9 80.0 80.7 81.4 81.6 32.1 83.7 50.5 65.5 69.8 72.7 76.0 76.7 78.9 80.2 80.5 81.3 82.1 82.2 82.9 83.1 83.6 85.2 50.6 65.6 70.0 72.9 76.2 76.9 79.2 80.5 30.7 81.7 82.4 82.5 83.2 83.4 83.9 85.5 51.0 66.1 70.0 73.7 77.2 77.8 80.1 81.5 81.7 82.6 83.4 83.5 84.2 84.5 85.0 86.6 51.4 66.6 71.2 7:.2 70.0 78.7 51.1 82.5 82.7 83.7 54.5 84.5 85.3 85.5 86.0 87.6 51.6 67.1 71.8 75.0 78.8 79.5 82.0 83.4 23.7 84.7 85.5 85.6 56.3 86.6 87.1 88.7 51.8 67.5 72.1 75.5 79.3 80.1 82.6 84.1 84.4 85.5 86.3 86.4 87.1 87.4 87.9 89.5 51.9 67.9 72.6 76.1 79.9 80.7 83.3 84.9 85.2 86.3 87.1 87.2 87.9 \$2.2 88.7 90.3 51.9 68.0 72.8 76.3 80.3 81.1 83.7 85.4 85.6 86.7 87.6 87.6 88.4 86.7 89.2 90.8 52.1 68.2 73.0 76.5 80.6 81.5 84.2 85.9 80.2 87.4 88.2 86.3 89.1 89.4 90.0 91.5 52.2 68.4 73.1 76.3 80.9 61.8 84.5 86.3 86.6 87.8 88.7 82.8 89.6 90.0 90.0 92.2 52.3 68.5 73.3 76.9 81.2 82.1 24.9 86.9 87.1 86.5 89.4 89.5 90.4 90.3 91.4 93.0 52.3 68.5 73.3 76.9 81.3 82.1 85.1 87.0 87.4 82.7 89.0 89.9 90.9 91.4 92.0 93.7 52.3 68.5 73.3 76.9 81.3 62.1 85.1 87.3 87.6 89.2 96.4 90.5 91.7 92.3 93.2 95.9 52.3 63.5 73.3 76.9 81.3 82.1 85.1 87.3 87.6 89.2 90.4 90.6 92.0 92.7 93.7 97.5 52.3 68.5 73.3 76.9 81.3 82.1 25. 67.3 87.6 80.2 90.5 90.7 92.1 92.8 93.9100.0

### CEILING VERSUS VISIBILITY

23208

MCCLELLA & AFB CALIF/SACRAMENTO

40-72

1F9

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

4 9 8 TV STAT TO 14 8

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CE NG N. 31.47 34.7 42.2 44.7 46.4 48.0 48.3 48.7 49.4 49.6 50.1 50.3 50.4 50.8 51.0 51.1 40.2 48.3 51.5 53.5 55.3 55.8 56.3 57.1 57.2 57.8 58.1 58.7 58.5 58.7 58.9 59.2 40.6 49.4 52.2 54.2 56.1 56.6 57.1 5..9 58.0 58.6 58.9 59.0 59.3 59.5 59.6 60.0 40.6 49.4 52.2 54.3 56.2 56.7 57.2 57.9 58.1 58.7 59.0 59.0 59.4 59.6 59.7 60.1 41.3 50.5 53.4 55.5 37.6 58.2 58.7 59.5 59.7 60.3 60.0 60.7 61.0 61.3 61.0 42.8, 52.4, 55.4 57.6 59.8 60.4 61.2 62.1 62.2 62.8 63.2 63.2 63.6 63.8 63.8 43.9.53.9.57.0 59.5 61.7 62.4 63.2 64.1 64.2 64., 65.2 65.3 65.5 65.9 66.0 66.3 44.4 54.4 57.6 50.1 62.3 63.1 53.9 64.8 64.9 65.5 65.9 65.9 66.3 66.5 66.7 67.0 45.9 56.3 59.7 62.3 64.6 65.3 66.1 67.0 67.2 67.8 68.2 68.2 58.6 68.8 69.0 67.3 46.6 57.1, 60.6 63.2 65.5, 66.2, 67.0 67.9, 68.1, 68.8, 69.1, 69.2, 69.5, 69.7, 69.9, 70.2 47.5 58.2 61.8 64.5 66.9 67.6 68.5 69.3 69.5 70.2 70.5 70.6 71.0 71.2 71.3 71.7 2 48.5 59.5 63.1 65.9 69.5 69.3 70.2 71.1 71.3 71.9 72.3 72.3 72.7 72.9 73.1 73.4 54.2 67.6 71.9 75.3 78.5 79.4 80.6 81.6 81.9 82.9 83.3 83.4 83.8 84.0 94.2 84.5 54.4 67.8 72.2 75.6 78.9 79.8 81.1 82.1 82.4 83.4 83.8 83.9 84.3 84.5 84.7 5.0 55.2 63.8 73.2 76.7 80.0 80.9 82.3 83.4 83.7 84.7 85.2 85.2 85.6 85.8 86.0 86.3 55.6 69.4 73.9 77.5 81.2 82.2 83.7 84.9 85.2 86.0 86.7 87.1 87.3 87.5 87.8 35.9 70.0 74.6 78.5 82.5 83.5 85.2 86.5 86.8 87.8 88.3 88.4 88.8 89.0 89.1 89.5 55.9 70.1 74.7 78.6 82.7 83.7 85.5 86.9 87.1 88.3 88.8 88.9 89.3 89.5 89.6 90.0 50.0 70.2 75.0 79.2 83.5 84.5 86.5 87.9 88.3 89.4 39.9 90.0 90.4 90.6 90.7 91.1 50.1 70.6 75.3 79.5 64.0 85.1 87.1 88.7 89.1 90.2 90.8 90.8 91.2 91.4 91.6 92.0 56.1 70.6 75.5 79.7 84.2 85.2 87.6 89.3 89.7 70.9 91.6 91.7 92.1 92.3 92.4 92.8 50.2 70.8 75.6 79.9 84.6 85.7 88.3 90.2 90.6 92.2 93.0 93.1 93.6 93.8 94.0 94.3 55.2 70.8 75.6 80.0 84.7 85.8 86.6 90.7 91.3 93.1 94.0 94.1 94.7 94.9 95.1 95.8 56.2 70.8 75.6 80.0 84.7 85.8 86.6 90.7 91.3 93.1 94.0 94.1 94.7 94.9 95.1 95.8 56.2 70.8 75.6 80.0 84.8 85.9 88.7 91.7 91.3 93.1 94.0 94.1 94.7 94.9 95.1 95.8 56.2 70.8 75.6 80.0 84.8 85.9 88.7 91.7 91.3 93.1 94.0 94.1 94.7 94.9 95.1 95.8 56.2 70.8 75.6 80.0 84.8 85.9 88.7 91.7 91.9 93.8 94.0 94.1 94.7 94.9 95.1 95.8 96.0 96.8 96.8 ≥ ≥ 50 - 2 70 - 8 75 - 6 80 - 0 84 - 8 85 - 9 88 - 7 91 - 1 91 - 9 93 - 8 94 - 9 95 - 1 95 - 8 96 - 0 96 - 3 96 - 8 50.2 70.8 75.6 80.0 84.8 85.9 88.8 91.2 92.0 94.1 95.3 95.5 96.4 96.8 97.3 98.3 75.6 80.0 84.8 85.9 68.8 91.2 92.0 94.1 95.3 95.6 96.5 96.9 97.5 99.2 75.6 80.0 84.8 83.9 88.8 91.2 92.0 94.1 95.3 95.6 96.5 96.9 97.6100.0 56.2 70.8 100

### CEILING VERSUS VISIBILITY

23208

MCCLELLA . AFO CALIF/SACRAMENTU

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## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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39.4 45.5 47.0 49.2 50.7 51.0 51.5 52.1 52.1 52.4 52.4 52.4 52.4 57.4 57.4 52.4 57.4 45.0 53.0 55.5 57.0 58.9 59.3 59.9 60.6 60.6 60.8 60.9 60.9 60.9 60.9 60.9 60.9 40.0 53.5 50.0 57.6 59.5 59.9 60.5 61.2 61.2 61.4 61.5 61.5 61.5 61.5 61.5 61.5  $\frac{46.3}{47.5} \frac{53.9}{55.2} \frac{56.5}{57.9} \frac{58.1}{57.5} \frac{60.0}{61.5} \frac{67.0}{61.9} \frac{61.7}{62.5} \frac{61.7}{63.2} \frac{62.0}{63.5}$ 49.0 57.3 59.9 61.6 63.7 64.2 64.3 65.5 65.6 65.8 65.9 65.9 65.9 65.9 65.9 65.9 50.1 58.5 61.2 63.1 65.2 65.8 60.4 67.1 67.2 67.4 67.5 67.5 67.5 67.5 67.5 67.5 20050.<u>2, 58.8, 61.5, 6</u>3.5, 65.7, 66.2, 66.9, 67.6, 67.7, 67.9, 67.9, 67.9, 67.9, 67.9, 67.9, 67.9, 67.9 51.2 00.1 62.9 64.9 67.2 67.9 68.4 59.2 69.2 69.4 69.5 69.5 69.5 69.5 69.5 69.5 55.6 65.2 68.3 70.4 73.2 73.9 74.7 75.5 75.5 75.7 75.6 75.8 75.8 75.8 75.8 75.8 75.8 <u>></u> <u>></u> 63.5 75.4 79.1 82.2 85.6 86.3 57.3 88.2 88.3 80.3 88.6 88.6 88.6 88.6 88.6 88.6 88.6 79.8 83.0 86.4 87.3 88.3 89.2 89.2 89.4 89.5 89.5 89.5 89.5 89.5 89.5 64.9 77.2 81.1 84.5 88.2 89.1 90.2 91.1 91.2 91.4 91.5 91.5 91.5 91.5 91.5 91.5 81.7 85.2 89.0 89.9 91.0 92.0 92.0 92.2 92.3 92.3 92.3 92.3 92.3 92.3 82.6 86.2 90.4 91.4 92.8 93.8 93.9 94.1 94.2 94.2 94.2 94.2 94.2 94.2 94.2 ≥ 65.3 77.7 82.6 ≥ <u>≥</u> <u>≥</u> 87.4 92.7 94.1 96.0 97.7 98.2 99.0 99.4 99.4 99.7 99.7 99.8 99.9 96.0 99.7 99.7 99.8101.0 99.0 99.4 97.7 98.2 99.4

#### CEILING VERSUS VISIBILITY

23208

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HUCLELLA' AFR CALIFISACRAMENTO

40-72

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1503-1700

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

4 5 8 6 TV 5"A" C"F FF E-

43.2 43.9 51.3 57.8 54.8 55.3 55.6 56.1 50.2 56.5 56.6 56.6 56.7 56.7 56.7 56.7 56.8 50.7 57.8 60.8 62.4 64.9 65.2 5.9 66.6 60.6 66.9 67.1 67.1 67.2 67.2 67.2 67.2 51.0 56.7 61.2 62.8 65.3 65.6 66.3 67.0 67.0 67.3 67.5 67.6 67.6 67.6 67.6 67.6 52.5 67.1 63.2 65.0 67.6 69.1 68.8 69.5 69.6 69.9 70.1 70.1 70.2 70.2 70.2 70.2 58.1, 66.9' 70.4' 72.5' 75.7' 76.2 77.0 77.7 71.8 78.0 78.3 78.3 78.3 78.3 78.3 78.3 78.3 78.4 59.5 68.5 72.0 74.2 77.4 78.0 78.8 79.5 79.6 79.9 80.1 80.1 80.1 80.1 80.1 80.1 6000 60.7 70.2 73.7 76.0 79.4 80.0 80.8 81.6 81.7 81.9 82.1 82.1 82.2 82.2 82.2 82.2 82.3 61.9 71.7 75.3 77.6 81.2 81.7 82.0 83.4 83.5 83.7 83.9 83.9 84.0 84.0 84.0 84.0 -500 61.5 73.6 77.3 79.7 83.4 84.0 84.9 85.7 85.8 86.0 86.2 86.7 86.3 86.3 86.3 86.3 3043 66.0 76.8 80.5 83.0 86.8 87.4 88.3 89.1 89.2 89.5 89.7 89.7 89.8 89.8 89.8 89.8 67.4 78.7 82.6 85.2 89.1 89.8 90.7 91.5 91.6 91.8 92.1 92.1 92.1 92.1 92.1 92.2 69.0 80.9 85.3 88.1 92.4 93.3 94.4 95.2 95.3 95.5 95.7 95.7 95.8 95.8 95.8 95.8 69.1 81.1 85.5 88.5 92.8 93.7 94.9 95.7 95.8 96.0 96.2 96.2 96.3 96.3 96.3 96.4 69.5 81.5 86.0 89.2 93.7 94.8 96.1 96.9 97.0 97.3 97.5 97.5 97.6 97.6 97.6 97.6 69.5 81.6 86.0 89.3 93.9 95.0 96.3 97.2 97.6 97.8 97.8 97.8 97.9 97.9 97.9 97.9 69.5 81.6 86.1 89.3 94.0 95.1 96.4 97.4 97.5 97.9 98.1 98.1 98.1 98.1 98.1 98.1 98.2 69.5 81.6 86.1 89.4 94.3 95.4 96.9 97.9 98.0 98.4 98.7 98.7 98.8 98.8 98.8 98.8 69.6 81.7 86.2 89.6 94.6 95.7 97.2 98.3 98.4 98.8 99.2 99.2 99.2 99.2 99.3 69.7 81.8 86.3 89.7 94.8 96.0 97.6 98.8 93.9 99.5 99.9 99.9100.0100.0100.0100.0 69.7 81.8 86.3 89.7 94.8 96.0 97.6 98.8 98.9 99.5 99.9 99.9100.0100.0100.0100.0 69.7 81.8 86.3 89.7 94.8 96.0 97.6 98.8 98.9 99.5 99.9 99.9100.0100.0100.0100.0 ≥ 100 69.7 81.8 86.3 89.7 94.8 96.0 97.6 98.8 98.9 99.5 99.9 99.9100.0100.0100.0100.0

#### CEILING VERSUS VISIBILITY

232C8

MCCLELLA + AF3 CALIF/SACRAMENTO

41-72

FEO

PERCENTAGE & REQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-2000

49.6 57.8 59.5 60.8 62.3 62.7 63.0 63.4 63.5 64.0 64.2 64.2 64.4 64.4 54.6 64.7 53.6 02.5 64.5 66.0 67.6 68.1 68.4 63.8 68.9 69.4 69.6 69.6 69.5 69.8 70.0 70.1 53.7 62.7 64.7 66.2 67.9 68.4 68.7 69.1 69.1 69.7 69.8 69.9 70.1 70.1 70.2 70.4 54.2 63.3 65.3 66.8 68.5 69.0 69.3 69.7 69.7 70.3 70.4 70.5 70.7 70.7 70.8 71.0 55.6 65.1 67.2 68.8 70.6 71.2 71.5 71.9 72.0 72.6 72.7 72.9 73.0 73.0 73.1 73.3 ≥ 1000 ≥ 1000 50.8 66.7 68.9 70.6 72.5 73.1 73.5 73.9 73.9 74.5 74.7 74.7 74.9 74.9 75.1 75.2 57.9 68.2 70.4 72.1 74.2 74.7 75.1 75.5 75.6 76.2 76.3 76.4 76.6 76.6 76.7 76.9 > 500x > X00x 58.2 68.7 71.0 72.6. 74.7 75.3 75.7 76.1 76.2 76.8 76.9 77.0 77.2 77.2 77.3 77.5 59.5 70.4 72.0 74.4 76.5 77.1 77.6 73.0 78.0 78.6 78.7 78.8 79.0 79.0 79.2 79.3 8700 "100 60.8: 71.8 74.0 75.7 77.9 78.5 78.9 79.3 79.4 80.0 80.1 80.2 80.4 80.4 80.5 80.7 61.9 73.2 75.5 77.3 79.4 80.1 80.6 81.0 81.1 81.7 81.8 81.8 82.1 82.1 82.2 82.4 63.0 74.7 77.1 78.8 81.1 81.7 82.2 82.7 82.7 83.3 83.5 83.6 83.6 83.8 83.9 84.1 ≥ 6000 ≥ 5000 64.3 76.8 79.3 81.1 83.3 84.0 84.5 84.9 85.0 85.6 85.7 85.8 86.0 86.0 36.2 86.3 ≤ 4500 ≥ 4000 65.7 78.5 81.6 83.3 85.6 86.2 86.8 87.2 37.3 87.9 88.0 88.1 88.3 88.3 88.5 88.6 66.8 80.2 83.2 84.9 87.2 87.9 88.4 88.8 88.9 89.5 89.7 89.7 90.0 90.0 90.1 90.2 68.1 82.2 85.3 87.0 89.4 90.1 90.7 91.1 91.2 91.8 92.0 92.0 92.3 92.3 92.4 92.6 69.0 83.2 86.6 88.4 90.8 91.5 92.1 92.6 92.7 93.3 93.4 93.5 93.7 93.7 93.9 94.0 69.7 84.3 87.8 89.8 92.2 93.0 93.6 94.1 94.2 94.8 94.9 95.0 95.2 95.2 95.3 95.5 3000 2500 69.8 84.5 88.2 90.1 92.6 93.4 94.1 94.6 95.2 95.4 95.5 95.7 95.7 95.8 96.0 69.9 84.7 88.4 90.4 93.U 93.8 94.5 95.0 95.1 95.7 95.8 95.9 96.1 96.1 96.3 70.0 85.0 88.7 90.8 93.3 94.2 95.0 95.4 95.5 96.1 96.3 96.4 96.6 96.6 96.7 96.9 70.0 85.0 88.8 91.0 93.6 94.5 95.3 95.7 95.8 96.4 96.6 96.7 96.9 97.0 97.2 70.1 85.2 88.9 91.2 93.9 94.8 95.5 96.0 96.1 96.7 96.8 96.9 97.1 97.1 97.3 97.4 70.1 85.3 89.1 91.3 94.2 95.1 96.0 96.5 96.5 97.2 97.3 97.4 97.6 97.6 97.8 97.9 ≥ <u>≥</u> 900 70.1 85.3 89.2 91.4 94.5 95.5 96.5 97.0 97.1 97.8 97.9 98.0 98.3 98.3 98.4 98.5 <u>≥</u> 70.2 85.4 89.3 91.6 94.7 95.6 96.7 97.3 97.4 98.1 98.2 98.3 98.5 98.5 98.7 98.8 600 70.2 85.4 89.3 91.6 94.8 95.9 96.9 97.6 97.7 98.3 98.5 98.6 98.8 98.8 99.0 99.1 70.2 85.5 89.4 91.6 94.9 96.1 97.2 97.9 98.0 98.7 78.8 99.0 99.2 99.2 99.3 99.5 70.2 85.5 89.4 91.6 94.9 96.1 97.3 98.1 98.1 98.9 99.1 99.2 99.4 99.4 99.6 99.7 70.2 85.5 89.4 91.6 94.9 96.1 97.3 98.1 98.1 98.9 99.1 99.2 99.4 99.4 99.6 99.8 70.2 85.5 89.4 91.6 94.9 96.1 97.3 98.1 98.1 98.9 99.1 99.2 99.4 99.4 99.6 99.8 70.2 85.5 89.4 91.6 94.9 96.1 97.3 98.1 98.1 98.9 99.1 99.2 99.4 99.4 99.6 99.8 70.2 85.5 89.4 91.6 94.9 96.1 97.3 98.1 98.1 98.9 99.1 99.2 99.4 99.4 99.6 99.8 300 200 94.9 96.1 97.3 98.1 98.1 98.9 99.1 99.2 91.6 99.4

#### CFILING VERSUS VISIBILITY

23208

€

MCCLELLAN AFB CALIFYSACRAMENTO

41-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CENSIN FACE

2100-2300

40.9 59.4 60.9 62.1 63.4 63.5 63.8 64.0 64.0 64.0 64.6 64.9 62.0 65.4 66.0 51.7 63.2 64.9 66.1 67.5 67.6 68.0 68.2 68.2 68.6 68.8 68.9 69.1 69.3 69.7 70.4 51.5 63.4 65.0 66.3 67.6 67.7 68.1 68.4 60.4 68.7 69.0 69.0 69.1 69.4 69.9 70.6 52.0 63.5 65.2 66.5 67.9 68.1 68.4 68.7 68.7 69.0 69.3 69.3 69.6 69.7 70.2 70.8 52.8 64.6 66.3 67.7 69.0 69.1 59.5 69.8 69.8 70.2 70.4 70.4 70.7 70.8 71.3 72.0 4000 66.6 68.4 69.8 71.2 71.3 71.7 72.0 72.0 72.3 72.6 72.6 72.9 73.9 73.5 74.2 55.9 68.5 70.5 72.0 73.4 73.6 74.0 74.3 74.3 74.6 74.9 74.4 75.2 75.3 56.3 69.0 70.9 72.4 73.9 74.0 74.5 74.8 74.8 75.1 75.4 75.4 75.7 75.8 76.2 76.9 77.5 70.4 72.3 73.8 75.4 75.5 75.9 76.2 76.2 76.2 76.5 76.8 76.8 77.1 77.2 77.7 78.3 8000 59.31 72.6 74.6 76.1 77.6 77.7 78.1 78.4 78.4 78.8 79.0 79.0 79.3 79.4 79.9 80.6 60.7 74.3 76.3 77.9 79.5 79.7 90.2 80.5 80.5 80.8 81.1 81.1 81.4 81.5 92.0 82.6 61.8 75.8 77.9 79.6 81.4 81.6 R2.9 82.3 82.3 82.6 52.9 82.9 83.2 83.3 83.8 84.5 63.2 77.5 79.8 81.5 83.3 83.5 84.0 84.3 84.3 84.6 84.9 84.9 85. 85.3 85.8 86.4 ≥ 4500 ≥ 4000 64.3 79.3 81.7 83.4 85.2 85.4 85.8 86.2 86.2 86.5 86.8 86.8 87.1 87.2 87.7 88.3 65.1 80.5 83.C 84.7 86.5 86.7 87.2 87.5 87.5 87.8 88.1 88.1 88.4 68.5 89.0 89.7 65.7 81.8 84.4 86.2 88.1 88.3 88.7 89.2 89.2 89.5 89.8 89.3 90.1 90.2 90.? 91.4 66.7 83.2 86.0 87.7 89.7 89.9 90.4 90.8 90.8 91.1 91.4 91.4 91.7 91.8 92.3 93.0 67.6 84.4 87.3 89.1 91.0 91.2 91.8 92.2 92.2 92.6 92.8 92.8 93.1 93.2 93.7 94.4 67.8 84.7 87.7 89.5 91.4 91.6 92.1 97.6 92.6 92.9 93.2 93.2 93.5 93.6 94.1 94.8 1800 68.0 85.1 88.1 89.7 91.8 92.1 92.6 93.0 93.4 93.6 93.6 93.9 94.1 94.5 68.0 85.1 85.4 88.7 90.5 92.4 92.6 93.2 93.6 93.6 94.0 94.2 94.2 94.5 94.7 95.1 95.8 68.3 85.6 89.0 90.9 92.9 93.2 93.8 94.2 94.2 94.5 94.6 95.1 95.2 95.7 90.4 68.3 85.7 89.1 90.9 93.0 93.2 93.6 94.2 94.2 94.6 94.9 94.9 95.2 95.3 95.8 96.4 68.5 85.9 89.4 91.2 93.3 93.6 94.2 94.6 94.6 95.0 95.3 95.7 95.7 96.1 96.8 68.5 86.1 89.6 91.4 93.6 93.9 94.6 95.0 95.1 95.7 95.7 96.1 96.8 68.5 86.1 89.6 91.4 93.6 93.9 94.6 95.0 95.1 95.7 95.7 96.0 96.1 96.8 97.3 ≥ ≥ 68.5 86.1 89.6 91.4 93.7 94.1 94.8 93.3 95.3 95.7 96.0 96.0 96.3 96.4 96.9 97.5 68.5 86.1 89.6 91.5 94.0 94.3 95.1 95.6 95.7 96.1 96.3 96.3 96.0 96.7 97.2 97.9 68.5 86.1 89.7 91.5 94.1 94.4 96.2 95.8 95.9 96.3 96.6 90.6 96.9 97.0 97.5 98.1 68.5 86.1 89.7 91.6 94.1 94.5 3.3 96.1 96.1 96.5 96.8 96.8 97.1 97.2 97.7 96.5 68.5 86.1 89.7 91.6 94.1 94.7 95.4 96.1 96.2 96.7 96.9 97.0 97.3 97.4 97.9 98.8 68.5 86.1 89.7 91.6 94.1 94.7 95.4 96.1 96.2 96.7 96.9 97.0 97.3 97.4 97.5 98.0 99.1 68.5 86.1 89.7 91.6 94.1 97.5 95.4 96.1 96.3 96.7 97.0 97.0 97.4 97.5 98.0 99.1 68.5 86.1 89.7 91.6 94.1 97.5 95.4 96.1 96.3 96.7 97.0 97.0 97.4 97.5 98.0 99.1 300 200 100 ≥

200

600

45Y

4000

#### CEILING VERSUS VISIBILITY

23208

MCCLELLA - ME - CALIF/SACRAMENTO

41-72

~AR 0000**-**0200

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

33 \*\* \*\* \*\*A\*, \*E wijes

50.2 72.2 73.6 73.4 73.5 73.6 73.6 73.6 73.6 73.7 73.7 73.9 73.8 73.3 73.8 73.8 71.7 76.3 77.1 77.6 77.7 77.7 77.8 77.8 77.9 78.0 78.0 78.0 78.0 78.0 78.0 74.4 79.2 80.0 80.6 80.7 80.7 90.3 80.8 80.8 80.9 81.0 81.0 81.0 81.0 81.0 81.0 75.9 80.9 81.6 82.3 82.4 37.5 82.5 82.5 82.6 82.7 82.1 82.7 82.7 82.7 82.7 82.7  $\frac{76.1 \ 81.0 \ 81.9 \ 82.5 \ 82.6 \ 82.6 \ 82.7 \ 82.7 \ 82.7 \ 82.7 \ 82.8 \ 82.9$ 80.4 93.2 94.6 95.4 95.7 95.7 95.8 95.8 95.8 95.9 96.0 96.0 96.0 96.0 96.0 86.9 94.3 95.8 96.5 96.8 96.9 96.9 96.9 97.0 97.1 97.1 97.1 97.1 97.1 97.1 97.1 87.5 95.1 96.8 97.5 97.9 97.9 98.0 98.0 98.0 98.1 98.2 98.2 98.2 98.2 98.2 98.2 87.5; 95.4; 97.1; 97.9; 98.3; 98.3; 98.4; 98.4; 98.4; 98.5; 

TOTAL NUMBER OF OBSERVATIONS 2965

USAF ETAC TABLE 0-14-5 (OLA) MEYOUS EDITIONS OF THIS FORM ARE ORSCIETE

### CEILING VERSUS VISIBILITY

23208

MCCLELLAR AFE CALIF/SACRAMENTS

41-72

MAR 0300-0500

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

64.3 69.0 70.2 70.4 70.8 70.8 71.0 71.1 71.1 71.3 71.4 71.4 71.6 67.6 72.9 74.1 74.3 74.8 74.8 74.9 75.0 75.0 75.3 75.4 75.4 75.5 67.9 73.1 74.3 74.5 74.9 74.9 75.1 75.2 75.2 75.4 75.5 75.7 NOTE NO 64.3 69.0 71.3 71.4 71.4 71.6 71.6 71.7 71.5 75.5 75.7 75.8 66.0 73.1 74.3 74.5 75.0 75.0 75.1 75.2 75.2 75.5 75.6 75.6 75.7 75.7 75.9 76.0 6000 69.1 74.2 75.4 75.6 70.0 76.0 76.2 76.3 76.3 76.6 76.7 70.7 76.8 76.8 77.3 77.1 70.9 76.1 77.4 77.6 78.0 78.0 78.2 79.3 78.3 78.5 78.6 78.6 78.8 78.8 79.2 79.1 2000 72.4 77.7 79.1 79.3 79.7 79.7 79.9 80.0 80.0 80.2 30.3 80.3 80.3 80.5 80.6 80.7 200 2000 72.6 77.9 79.3 79.5 79.9 79.9 80.1 80.2 80.2 80.4 80.5 80.5 80.7 80.7 80.8 80.9 9700 9700 79.2 80.5 90.7 81.1 81.1 51.3 81.4 81.7 31.8 81.8 81.9 81.9 82.1 82.2 75.2 80.6 82.1 82.3 82.7 82.7 82.9 83.0 83.0 83.2 83.3 83.3 83.5 83.5 83.6 33.7 70.2 82.0 83.5 83.8 84.2 84.2 84.4 84.5 84.5 84.7 84.8 84.8 85.0 85.0 85.1 85.2 600. 500. 77.9, 84.1, 85.6, 85.9, 86.3, 86.3, 86.5, 86.6, 86.6, 86.9, 37.0, 87.0, 87.1, 87.1, 87.3, 87.4 78.7 85.0 86.5 86.8 87.2 87.2 87.4 87.5 87.5 87.7 87.8 87.8 88.6 88.0 88.1 88.2 79.9 84.4 87.9 88.2 88.6 88.6 88.8 88.9 88.9 89.2 89.3 89.3 89.4 89.4 89.6 89.7 80.9 87.6 89.2 89.4 89.9 89.9 90.1 90.2 90.2 90.4 90.5 90.5 90.7 90.7 90.8 90.9 81.9 89.0 90.6 90.8 91.4 91.4 91.5 91.7 91.7 91.9 92.0 92.0 92.2 92.2 92.3 92.4 82.8 90.4 92.1 92.4 92.9 92.9 93.1 93.2 93.2 93.4 93.5 93.5 93.7 93.7 93.9 94.0 3500 3:000 .500 83.8 92.0 93.6 94.0 94.6 94.6 94.8 94.8 94.9 94.9 95.2 95.3 95.3 95.4 95.4 95.6 95.7 83.9 92.2 93.9 94.2 94.8 94.8 95.1 95.2 95.2 95.4 95.5 95.5 95.7 95.7 95.8 95.9 84.0 92.5 94.3 94.6 75.2 95.2 95.5 95.6 95.6 95.9 96.0 96.0 96.1 96.1 96.3 96.4 84.2 92.9 94.7 95.1 95.7 95.7 95.9 96.1 96.1 96.3 96.4 96.6 96.6 96.6 96.7 96.8 84.5 93.6 95.3 95.7 96.4 96.6 96.6 96.8 96.8 97.0 97.1 97.1 97.3 97.3 97.4 97.5 84.6 93.8 95.6 96.0 96.7 96.7 97.0 97.1 97.1 97.4 97.5 97.6 97.8 97.9 84.7 94.0 96.0 96.4 97.1 97.1 97.4 97.6 97.6 97.8 97.9 98.1 98.1 98.1 98.2 98.3 1000 900 800 84.7 94.2 96.4 96.8 97.4 97.5 97.8 98.0 98.0 98.2 98.3 98.3 98.5 98.5 98.6 98.7 84.8 94.3 96.6 97.0 97.0 97.7 98.0 98.2 98.2 98.4 98.5 98.5 78.7 98.7 98.9 99.0 84.8 94.5 96.8 97.2 97.9 98.0 98.4 98.6 98.6 98.9 99.0 99.0 99.1 99.1 99.3 99.4 84.8 94.5 96.8 97.2 98.1 98.1 98.6 98.8 98.8 99.0 99.1 99.3 99.3 99.3 99.4 99.5 84.9 94.7 96.9 97.4 98.2 98.3 98.7 98.9 98.9 99.1 99.2 99.2 99.4 99.4 99.5 99.7 84.9 94.7 96.9 97.4 98.2 98.3 98.8 98.9 98.9 99.2 99.3 99.3 99.4 99.4 99.6 99.7 300 84.9 94.7 96.9 97.4 98.2 98.3 98.8 99.0 99.0 99.2 99.3 99.3 99.5 99.5 99.6 99.8 84.9 94.7 96.9 97.4 98.2 98.3 98.8 99.0 99.0 99.2 99.3 99.3 99.5 99.5 99.6 99.6 90.0 ≥ 100

### **CEILING VERSUS VISIBILITY**

23208

MCCLELLA" AFB CALIFYSACRAMENTO

40-72

 $\times AR$ 

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

58.14 STATUTE MILES

0000<del>-0</del>800

10 11. No 49.8 56.3 58.3 59.5 67.5 67.7 61.3 61.6 61.7 61.9 62.1 62.1 62.2 67.4 62.6 63.1 55.1 62.9 65.5 66.7 67.8 68.1 68.6 68.9 69.0 69.3 69.5 69.5 69.7 69.8 70.1 70.7 55.3 63.1 65.7 67.0 68.1 68.3 68.8 69.1 69.3 69.5 59.7 69.7 69.9 70.1 70.3 70.9 55.7 63.6 66.1 67.5 68.6 69.8 69.3 69.6 69.7 70.0 70.2 70.2 70.4 70.6 70.8 71.4 56.7 64.9 67.5 68.8 69.9 70.1 70.7 71.0 71.1 71.3 71.6 71.6 71.8 71.9 72.2 72.8 2000 63.6. 72.6. 75.4: 76.8 78.0 78.2 78.7 79.3 79.2 79.4 79.6 79.6 79.8 80.3 30.3 80.9 65.0: 74.3: 77.3: 78.7: 79.9' 80.1 80.7' 81.0 81.2' 81.4' 81.7' 81.7' 81.9' 82.0' 92.3' 82.9' 66.2 76.0, 78.9, 80.3 81.6 81.9, 82.4 82.7 82.9 83.1 83.4 83.4 83.6 83.7 84.1 84.7 67.2: 77.0: 79.9. 81.4 82.7 82.9 83.5 83.8 84.0 84.2 84.5 84.5 84.7 84.8 85.2 85.7 68.4: 78.7' 81.7' 83.3: 84.6: 84.8: 85.4: 85.7' 85.9: 86.1 86.4 86.4 86.6 86.7 87.1 87.7 69.2 79.8 82.9 84.6 86.0 86.3 86.8 87.2 87.4 87.6 87.8 87.8 88.0 58.2 88.5 89.1 70.4 81.4 84.7 86.5 88.1 88.4 89.0 89.3 89.5 89.7 90.0 90.0 90.2 90.4 90.7 91.3 71.3 82.5 85.7 87.6 89.2 89.5 90.2 90.6 90.8 91.0 91.3 91.5 91.7 92.6 92.6 72.3 83.8 87.2 89.1 90.9 91.3 92.0 92.4 92.6 92.8 93.1 93.1 93.3 93.5 93.8 94.4 72.4 84.0 87.4 89.3 91.2 91.5 92.2 92.7 92.8 93.1 93.3 93.3 93.6 93.7 94.1 94.7 72.5 84.3 87.7 89.7 91.6 92.0 92.7 93.2 93.4 93.6 93.9 93.9 94.1 94.3 94.6 95.2 72.6 84.6 88.2 90.2 92.2 92.6 93.3 93.9 94.0 94.3 94.6 94.8 95.0 95.3 95.9 72.9 85.1 88.7 90.8 92.8 93.3 94.0 94.6 94.7 95.1 95.3 95.3 95.6 95.7 96.1 96.7 73.0 65.3 88.9 91.0 93.1 93.5 94.3 94.8 95.0 95.3 95.6 95.6 95.8 96.0 96.3 96.9 73.1, 55.5 89.2 91.3 93.5 93.9 94.7 95.2 95.4 95.8 96.1 96.1 96.3 96.5 96.6 97.4 73.1 85.7 89.4 91.6 93.8 94.3 95.2 95.7 95.9 96.3 96.5 96.6 96.8 97.0 97.3 97.9 -00 -00 73-1: 85-8 89-5 91-8 94-1 94-6 95-5 96-1 96-2 96-7 96-9 96-9 97-2 97-3 97-7 98-3: 73-2 85-8 89-6 91-9 94-5 95-0 96-1 96-7 96-8 97-4 97-6 97-6 97-9 98-1 98-4 99-1 73-2 85-8 89-7 92-0 94-5 95-0 96-1 96-8 96-9 97-4 97-7 97-8 98-1 98-4 99-1 73-2 85-8 89-7 92-0 94-5 95-0 96-1 96-8 96-9 97-4 97-7 97-8 98-1 98-3 98-6 99-3 73-2 85-8 89-7 92-0 94-5 95-0 96-1 96-8 96-9 97-4 97-8 97-8 98-1 98-4 98-8 99-6 73-2 85-8 89-7 92-0 94-5 95-0 96-1 96-8 96-9 97-4 97-8 97-8 98-1 98-4 98-8 99-6 73-2 85-8 89-7 92-0 94-5 95-0 96-1 96-8 96-9 97-4 97-8 97-8 98-1 98-4 98-8 99-9 97-2 85-8 89-7 92-0 94-5 95-0 96-1 96-8 96-9 97-4 97-8 97-8 98-1 98-4 98-8 99-9 97-2 85-8 89-7 92-0 94-5 95-0 96-1 96-8 96-9 97-4 97-8 97-8 98-2 98-4 98-8 99-9 97-9 85-8 89-7 92-0 94-5 95-0 94-1 96-8 96-9 97-4 97-8 97-8 98-2 98-4 98-8 99-9 97-9 85-8 89-7 92-0 94-5 95-0 94-1 96-8 96-9 97-4 97-8 97-8 98-2 98-4 98-8 99-9 97-9 85-8 89-7 92-0 94-5 95-0 94-5 95-0 94-1 96-8 96-9 97-4 97-8 97-8 98-2 98-4 98-9 99-9 97-9 85-8 89-7 92-0 94-5 95-0 94-5 95-0 94-1 96-8 96-9 97-4 97-8 97-8 98-2 98-4 98-9 99-9 97-9 85-8 89-7 92-0 94-5 95-0 94-5 95-0 94-1 96-8 96-9 97-4 97-8 97-8 98-2 98-4 98-9 99-9 97-4 97-8 97-8 97-8 98-2 98-4 98-9 99-9 97-9 85-8 89-7 92-0 94-5 95-0 <u>≥</u> 533 400 100 73.2 85.8 89.7 92.0 94.5 95.0 96.1 96.8 96.9 97.4 97.8 97.8 95.2 98.4 98.9 00.0

### CEILING VERSUS VISIBILITY

23208

MCCLELLA" AFS CALIF/SACRAHENTO

40-72

MAR

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

4 \$ \$ . TH STATUTE MILES

5 56 5, 54 56 5° 5 5 5 ° 5 ° 6 ° 6 ° 6 ° 6 ° 6 ° 6	
and the state of t	60.2 60.2 60.2
-0 die 0 49.7 56.4 58.0 58.8 59.5 57.7 59.9 59.9 60.0 60.1 60.1 50.2	Over when past
2 mm 57.6 65.9 67.8 68.7 69.6 69.8 70.0 70.1 70.1 70.2 70.2 70.2 70.3	
57.8 66.2 68.1 69.1 69.7 70.1 70.3 70.4 70.5 70.5 70.5 70.5 70.6	70.7 70.7 70.7
2 × 50.2 66.6 68.6 69.6 70.4 70.6 70.8 70.9 70.9 71.0 71.0 71.0 71.1	71.2 71.2 71.2
2 or 59.5. 68.1 70.1 71.1 71.9 72.1 72.3 72.4 72.4 77.5 72.5 72.5 72.0	
≥ xxx 61.2 70.0 72.0 73.0 73.9 74.2 74.4 74.5 74.5 74.6 74.6 74.6 74.7	
2 200 62.7 71.8 73.9 74.9 75.8 75.1 76.3 76.4 76.4 76.5 76.5 76.5 76.6	
2 000 63.0 77.3 74.4 75.3 76.3 76.6 76.7 76.8 76.9 77.0 77.1	
2 8000 64.5: 73.9: 76.0 76.9 77.9 78.2 78.4 78.4 78.4 78.5 78.5 78.6 78.7	
≥ ™ 65.5 75.1 77.2 78.3 79.3 79.5 79.7 79.8 79.8 79.9 80.0 80.0 80.1	
2 5000 47.0, 76.7, 76.9, 80.1 81.0 81.3 81.5 81.6 81.7 81.7 81.7 81.8	=
≥ 5000 68.0 78.1 80.4 81.6 82.6 82.8 83.1 83.1 83.2 83.3 83.3 83.4	
$\geq 4500$ 68.9; 79.3; 81.7 82.8; 83.9 84.1 84.4 84.5 84.5 84.6 84.6 84.6 84.7 $\geq 400$ 70.1 80.7 83.3 84.5 85.5; 85.8 86.0 86.1 86.1 86.2 86.4 86.3 86.4	
	80.4 80.4 85.4
≥ 3500 70.6; 81.4 84.0 85.3 86.4; 85.7; 86.9 87.0 87.0 87.1 87.1 87.1 87.2 ≥ 300 71.3 83.2 85.7 87.0 88.2 88.5 88.8 88.8 88.8 88.9 9.9 9.9 1	
732 0 0 0 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	01 1 01 1 01 1
$\geq \frac{1500}{2000}$ 74.61 86.3 89.4 90.7 92.2 92.6 93.1 93.3 93.3 93.4 93.4 93.4 93.5	
7/ 0/ 9/ 7/ 00 9/ 01 3/ 03 9/ 02 2/ 03 / 03 0 03 0/ 03 0 03 0 03 0	
$\geq \frac{300}{500} = 74.91 \cdot 60.71 \cdot 69.61 \cdot 91.62 \cdot 92.61 \cdot 93.6$	
≥ 20 76.6, 88.8 92.1, 93.6, 95.3, 95.7 96.2, 96.4 96.6 96.6 96.6 96.7	96.7' 96.8' 96.8
≥ 1000 76.9 89.3 92.6 94.3 96.1 96.5 97.1 97.3 97.3 97.5 97.5 97.5 97.6	
2 og 76.9 89.5 92.9 94.6 96.4 96.9 97.4 97.6 97.6 97.8 97.8 97.8 97.8 97.8	
2 so 77.0 89.6 93.0 94.7 96.6 97.1 97.7 97.9 98.0 98.2 98.2 98.2 98.3	
≥ ∞ . 77.0 89.6 93.1 94.9 26.9 97.4 98.1 98.3 98.3 98.5 98.6 98.6 98.7	98.7 98.7 98.7
≥ 500 '77.1 89.8 93.3 95.1 97.1 97.7 98.4 98.6 98.6 98.9 98.9 98.9 99.0 98.9 98.9 98.9 98.9	
2 500   77.1   89.8   93.4   95.1   97.2   97.8   98.6   98.9   99.0   99.2   99.2   99.4   99.4	
$\geq 400$ 77.1 89.8 93.4 95.2 97.3 97.9 98.7 99.0 99.1 99.3 99.4 99.4 99.0	
2 300 77.1 89.8 93.4 95.2 97.4 98.6 98.5 99.1 99.2 99.5 99.6 99.6 99.6 99.8	
$\geq \infty$   77.1   89.8   93.4   95.2   97.4   98.0   98.8   99.1   99.2   99.5   99.6   99.6   99.6	
$\geq 100$ 77.1 89.8 93.4 95.2 97.4 98.0 98.8 99.1 99.2 99.5 99.6 99.6 99.8	99.9100.0100.0
$\geq$ 0   77.1 89.8 93.4 95.2 97.4 98.0 98.8 99.1 99.2 99.5 99.6 99.6 99.8	99.9100.0100.0

0

#### CEILING VERSUS VISIBILITY

232LB MCCLELLA - AFE CALIFYSACRAMENTO

47-72

.Ak 1200-1400

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

. S.B. TV STATL TEHLE

4. 2 2 W 1,77 66.1 70.6 77.7 79.3 80.3 80.9 81.1 81.4 81.4 81.4 81.4 31.4 31.4 31.4 81.4 81.4 81.4 61.4 81.4 61.4 71.5: 78.5 80.3: 81.3 81.9 82.1 82.3 82.3 82.3 82.4 82.4 82.4 82.4 82.4 82.4 82.4 4000 3500 3000 79.5 88.0 90.0 91.3 9..2 92.4 92.7 92.7 92.7 92.8 92.8 92.8 92.8 92.8 92.8 200 81.3: 90.3 92.5 93.8: 94.8 95.0 95.3 95.3 95.4 98.5 95.5 95.5 95.5 95.5 95.5 ≥ 82.6. 91.9. 94.1. 95.6. 96.7. 96.9. 97.2. 97.2. 97.2. 97.3. 97.4. 97.4. 97.4. 97.4. 97.4. 97.4. 97.4. 200 2 <u>≥</u> 83.01 92.7 95.1 96.7 98.3 98.7 99.5 99.6 99.6 99.7 99.8 99.8 99.8 99.8 99.8 99.8 200

#### CEILING VERSUS VISIBILITY

23258

MCCLELLAN AFA CALIF/SACKAMENT)

47-72

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS.

1500-1700

55.7 59. 60.0 60.5 60.7 60.8 40.8 60.9 60.9 61.0 61.0 61.0 61.0 61.0 61.0 74.5 80.3 81.4 82.1 82.4 62.5 92.6 82.6 82.7 82.7 82.7 82.7 82.7 87.7 92.7 82.7 75.6 81.5 82.7 83.5 83.8 83.7 84.0 84.1 84.1 84.2 84.2 84.2 84.2 84.2 84.2 84.2 77.2 93.5 84.7 85.4 85.8 85.9 90.0 86.1 86.1 86.2 86.2 86.2 30.2 86.2 86.2 86.2 82.5 89.8 91.1 92.0 92.5 92.6 92.8 92.9 92.9 93.0 93.0 93.0 93.1 93.1 93.1 93.1 84.6 91.5 92.9 93.8 94.4 94.6 94.7 94.9 94.9 95.0 95.0 95.0 95.0 95.0 95.0 85.1 93.0 94.4 95.4 96.1 96.4 96.6 96.8 96.8 96.9 96.5 90.0 97.0 97.0 97.0 97.0 1 85.5 94.2 95.8 97.3 98.5 98.8 99.3 99.4 99.5 99.6 99.7 99.7 99.7 99.7 99.7 99.7 700 85.5 94.2 95.9 97.4 98.6 99.0 99.5 99.7 (9.7 99.9100.0100.0100.0100.0100.0100.0 85.5; 94.2; 95.9; 97.4; 98.6; 99.0 99.5; 99.7; 99.7; 99.9100.0100.6100.0100.0100.0100.0 85.5 94.2 95.9 97.4 98.6 99.0 99.5 99.7 99.7 99.9106.0100.0100.0100.0200.0100.0

TOTAL NUMBER OF DRIFFPVATIONS 3023

#### CEILING VERSUS VISIBILITY

23205

HCCLELLA - AFS CALIF/SACRAHENTJ

41-72

-AR

#### PERCENTAGE FREQUENCY OF OCCURRENCE [FROM HOURLY OBSERVATIONS]

1300-2000

74.4 78.5 79.1 79.8 79.8 79.8 79.9 79.9 79.9 80.0 80.0 80.0 80.0 80.0 80.0 80.0 2 613 79.2 84.0 84.7 85.4 85.5 85.5 85.5 85.5 85.6 85.6 85.7 85.7 85.7 85.7 85.7 85.7 85.7 80.5 85.6 86.3 87.1 37.2 87.2 87.2 87.3 87.3 87.3 87.3 87.3 87.4 87.4 87.4 87.4 87.4 2 500 ≥ 500 82.5 87.8 88.6 89.4 39.5 89.5 89.5 89.6 89.6 89.6 89.7 89.7 89.7 89.7 39.7 89.7 ≥ 4500 4000 :500 3000 2500 88.2 95.0 96.4 97.4 97.7 97.8 97.9 98.0 98.0 98.0 98.1 98.1 98.1 98.1 98.1 98.1 500 800 700 500 88.6 96.1 97.6 98.8 99.4 99.5 99.8 99.9 99.9 99.9170.0100.0100.0100.0100.0100.0 88.6; 96.1; 97.6; 98.8; 99.4; 99.5; 99.8; 99.9; 99.9; 99.9100.6100.0100.0100.0100.0100.0 

CEILING VERSUS VISIBILITY

23268

MCCLELLA' AF CALIFISACRAMENTO

41-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS

4 \* (\*4\* \*2.0)

2100-2300

"ÁF

76.1 00.3 80.9 81.3 81.4 81.4 81.4 81.4 81.5 81.5 81.5 81.5 81.5 81.5 81.5 78.2 82.7 83.3 83.7 83.9 63.9 83.9 83.9 83.9 83.9 84.0 84.0 84.0 84.0 84.0 84.0 ~.~ 2 500 5 500 82.3 87.1 87.7 88.0 88.2 88.2 98.2 88.2 87.2 88.3 88.3 88.3 88.3 88.3 88.3 88.3  $\frac{34.2}{35.2} \cdot \frac{39.1}{90.2} \cdot \frac{89.7}{90.9} \cdot \frac{90.2}{91.3} \cdot \frac{90.2}{91.5} \cdot \frac{90.2}{91.5} \cdot \frac{90.2}{91.5} \cdot \frac{90.3}{91.5} \cdot \frac{90.3}{91.6$ 457 85.9 91.2 92.0 92.3 92.5 92.5 92.5 92.5 92.5 97.6 92.6 9.6 92.6 92.6 92.6 92.6 92.6 87.1 92.7 93.5 94.0 94.2 94.2 94.2 94.2 94.2 94.3 94.3 94.3 94.3 94.3 94.3 94.3 88.3: 94.4 95.3 95.9 96.1 96.1 96.1 96.1 96.1 96.1 96.2 96.2 96.2 96.2 96.2 96.2 3590 2000 ≥ .00 89.6: 96.8 98.1 95.9: 99.1 99.2: 99.3: 99.3: 99.4 99.4 99.4 99.4 97.4 99.4 > Q.Y 89.71 97.01 98.3; 99.2; 99.4; 99.4; 79.5; 99.6; 99.6; 99.6 99.7 99.7 99.7 99.7 99.7 99.7 ≥ 

\_\_ 2960

14.1

#### CEILING VERSUS VISIBILITY

23208

**(**3

HCCLELLA AFT CALIF/SACRAFENTA

41-72

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS

76.7 79.9 70.2 80.2 80.3 60.3 70.3 80.3 50.3 80.4 50.4 80.4 80.4 80.4 80.4 79.2 87.4 82.0 82.7 32.7 67.7 92.8 82.8 32.8 87.9 82.9 87.9 82.9 57.9 82.9 82.9 80.0 87.5 89.9 90.0 90.0 90.0 90.1 90.1 90.1 90.2 90.2 90.2 90.2 90.2 90.2 90.2 87.1 70.5 91.7 91.3 91.3 91.3 91.3 91.3 91.3 91.4 91.4 91.4 91.4 91.4 91.4 91.4 257 1. 25.0 000 92.5 97.2 98.0 98.2 98.2 98.3 98.3 98.3 98.4 98.4 98.4 98.4 98.4 98.4 98.4 93.4. 98.5. 99.3. 99.5. 99.7. 99.7. 99.8. 99.8. 99.8. 99.9. 9 500 <u>≥</u> 500 400 <u>≥</u> 

### CEILING VERSUS VISIBILITY

23208

MCCLELLAN AFB CALIF/SACRAMENTO

41-72

APR

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CE UNG							v \$/8 c	*\ \$*A*_`	'ê M JE\$							
FEET	≥ '≎	≥ 6	≥ 5	≥ 4	≥ 3	≥::	≥:	≥	· ·	2	5 .*	2 .			2 .	
NO CE ING ≥ 20000		75.6														
≥ 5000 ≥ 5000	74.3	79.2	79.9	80.1	80.5	80.5	80.8	80.9	80.9	81.0	81.1	81.1	81.2	81.2	81.2	81.3
≥ 4000 ≥ 2000	76.9	d0.5 81.9	82.5	82.8	83.1	83.2	83.5	83.6	83.6	83.7	8.68	83.8	83.8	83.8	83.8	84.0
≥ 9000 ≥ 9000	78.8	83.5 83.9	84.6	84.9	85.2	85.2	85.5	85.6	85.6	85.7	85.8	85.R	85.9	85.9	85.9	86.0
≥ 8000 ≥ 7000	80.7	84.9 86.2	86.8	87.1	87.4	87.5	A7.8	87.9	87.9	88.0	88.1	88.1	88.2	88.2	88.2	88.3
≥ 6000 ≥ 5000	83.1	87.6 88.9	89.0	89.9	90.2	90.3	90.6	90.6	90.6	90.8	90.9	90.9	90.9	90.9	90.9	91.1
≥ 4500 ≥ 4000	84.5	90.0	91.5	91.8	92.1	92.2	92.6	92.6	92.6	92.7	92.8	92.8	92.9	92.9	92.9	93.1
≥ 3500 ≥ 3000	85.9	91.7 92.9	93.9	94.2	94.6	94.7	95.0	95.1	95.1	95.2	95.3	95.3	95.4	95.4	95.4	95.6
≥ 2500 ≥ 2000	87.1	94.3	95.4	95.7	96.2	96.3	96.6	96.7	96.7	96.8	96.9	96.9	97.0	97.0	97.0	97.1
≥ 1800 ≥ 1500	87.2 87.4	94.8	95.9	96.3	96.9	97.0	97.3	97.4	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.9
≥ 1200 ≥ 1000	87.7 88.0	95.3 95.7	96.8	97.2	97.8	97.9	98.3	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.2 98.6	98.8
≥ 900 ≥ 800	88.1 88.1		97.1		98.2	98.3	98.7	98.8	98.8	98.9	99.0	99.0	99.1	99.1	98.7 99.1	99.2
≥ 700 ≥ 600		96.2	97.4	97.8	98.5	98.6	99.1	99.1	99.1	99.2	99.3	99.3	99.4	99.4		99.6
≥ 500 ≥ 400	88.2	96•2 96•2	97.4	97.9	98.6	98.7	99.2	99.3	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.9
≥ 300 ≥ 200	88.2		97.4	97.9	98.6	98.7	99.2	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.8	99.9
≥ 100 ≥ 0	88.2	96.2													99.8	

## CEILING VERSUS VISIBILITY

MCCLELLAN AFE CALIF/SACRAMENTU 40-72

APR

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CELNG							. 5 8 0	" S"A",	E ** LES							
FEE"	≥ '`	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 ·	≥.	≥ -	≥ .		• •	. •	•	25.4	٠.	· -
NC CELING ≥ 20000		66.6										-				
: ≥ 8000 ≥ '6000	66.1	73.9	75.0	76.2	70.9	77.2	77.7	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.1
≥ 4900 ≥ 2000	67.2	75.1	70.8	77.4	78.2	78.4	78.9	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.3	79.4
≥ 0000 ≥ 9000	69.9	78.4. 79.0	80.1	80.8	81.6	81.9	82.4	82.5	82.5	82.6	82.5	82.6	82.6	87.6	82.7	82.8
≥ 8000 ≥ 7000	73.2	80.3	83.7	84.4	85.2	85.5	96.0	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.4
≥ 6000 ≥ 5000	75.5	83.2 34.5	86.3	87.0	88.0	88.2	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.1	89.2
≥ 4500 ≥ 4000	77.1	85.3	88.2	89.0	90.1	90.3	90.9	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.3
≥ 3500 ≥ 3000	78.5	87.3 88.2	90.3	91.1	92.3	92.5	93.1	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.5	93.6
≥ 2500 ≥ 2000	79.5	89.5	91.6	92.5	93.9	94.1	94.7	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.1	95.2
≥ 1800 ≥ 1500	79.7	89.9	92.1	93.1	94.5	94.7	95.4	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.8	
≥ 200 ≥ '000	80.7	91.2	93.4	94.5	90.3	96.5	97.3	96.2 97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.0	97.7
≥ 900 ≥ 800	81.1	91.5 91.7	93.9	95.0	97.0	97.2	98.0	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	
≥ 700 ≥ 600	81.2	91.9	94.2	95.4	97.5	97.8	98.7	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	
≥ 500 ≥ 400	81.2	92.0	94.3	95.5	97.7	98.2	99.0	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.7
≥ 300 ≥ 200 ≥ 100	81.2	92.1 92.1	94.4	95.6	97.8	98.2	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.8
≥ 0		92.1														

## CEILING VERSUS VISIBILITY

86562

MCCLELLAN AFT CALIF/SACRAMENTA

40-72

APR

vauò-T100

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

+ \$18 LITY STATUTE MILES

	TE . NO .					_											
	'EE'	≥ ;	≥ε	_ ≥ 5	≥ 4	و ≼	≳ ; .	2,	≥ ;	2.	2	2 .	٠,	2	25.5	≥ .	<b>≥</b> -
	.5 GE . NG	61.2	66.3	67.5	67.7	68.2	68.2	48.3	A. 8.	68.4	68.4	08.4	68.4	58.4	0ª.4	68.4	68.4
	2 10000														77.2		
	z 5000														77.7		
	≥ 6000					-	-				-				78.1		
	≥ 4000	70.8	77.1	73.5	78.6	79.2	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
	≥ 2500														80.6		
	≥ 3500	72.8	79.4	80.8	80.9	81.5	81.6	81.7	81.7	81.7	31.8	81.8	81.8	81.8	81.8	91.8	81.8
_	≥ 2000	73.2	79.3	81.2	81.4	81.9	82.0	2.1	82.2	82.2	82.2	82.2	82.7	82.2	82.2	92.2	82.2
-	≥ 8000	74.4	81.0	82.4	82.6	83.1	83.2	R 3. 3.	83.4	83.4.	83.4	83.4	83.4	83.4	83.4.	83.4	83.4
	≥ '2000														84.5		
	≥ 6000														85.1		
_	≥ 5000														86.5		
	≥ 4500	i	- (			-	:			-	_				87.4		
,	≥ 4000														89.0		
,	≥ 3500														90.1		
-	2000														92.0		
,	≥ 2500														93.8		
+	≥ 2000														95.7		
;	≥ 500 ≥ 500														96.2		
·-															97.5		
:	≥ 1200 ≥ 1000														98.4		
-															99.4		
-	≥ 900 ≥ 800														99.6		
<u> </u>															99.8		
Ī	≥ 700 ≥ 600														99.8		
-	≥ 500														99.9		
!	≥ 400														100.01		
	≥ ვღე														100.01		
1	≥ 200				- 1				- 1						100.01		- 1
Γ	≥ 100	86.1	95.2	97.4	97.8	99.2	99.4	99.8	99.9	99.9	100.01	00.0	00.0	00.0	100.01	00.0	00.0
	≥ 0														100.01		

### CEILING VERSUS VISIBILITY

23208

MCCLELLAN AFR CALIF/SACRAMENTO

40-72

APR

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CE LING							· 5 8 .	TY \$7A76	'E v "ES							
eff.	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥:	≥:	≥	≥ .	,	≥ ′•	٠,		* * *		
NO CE . NO ≥ 20000				65.6 77.4												
2 8006 ≤	73.0	77.0	77.7	78.0 78.5	78.4	78.4	78.4	78.4	78.4	78.4	78.4	79.4	78.4	78.4	78.4	78.4
≥ 4900 ≥ '2000	74.6	78.7	79.3	79.7	80.1	80.1	80.1.	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
> 7000 ≥ 9000	76.7	81.0	81.6	82.0' 82.3	82.3	82.3	°2.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 8000 ≥ *000	77.9 78.4	82.4 83.0	83.0 83.7	83.5	83.9 84.5	83.9	83.9 84.5	33.9 84.5	83.9	83.9 84.5	83.9 84.5	83.9 84.5	83.9 84.5	83.9	83.9 84.5	83.9 84.5
≥ 6000 ≥ 5000	80.4	85.2	85.9	85.2 86.3	86.7	36.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4500 ≥ 4600	83.6	88.6	89.3	87.4 89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3500 ≥ 3000	87.5	92.9	93.7	91.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.5	94.6	94.6
· ≥ 2500 ≥ 2000	89.8	95.7	96.6	95.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ '800 ≥ '500	90.3	96.5	97.5	97.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	90.5	96.7	97.7	98.4	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ %00 ≥ 800	90.5	96.7	97.8	98.4 98.5 98.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7		99.7	99.7
≥ 700 ≥ 600	90.5	96.8	97.8	98.5	99.6	99.7	99.7	99.8	99.8	99,8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500 ≥ 400	90.5	96.8	97.8	98.5	99.6	99.7	99.8	99.9	99.95	co.o	00.0	100.0	100.0	100.0	00.0	100.0
≥ 300 ≥ 200	90.5	96.8	97.9	98.6	9.7	99.8	99.9	99.9	99.91	00.0	100.0	100.0	100.0	100.0	.00.0	100.0
≥ 100	90.5	96.8	97.9	98.6	99.7	99.8	99.9	99.9	99.9	00.0	00.0	100.0	100.0	100.0	00.0	00.0

## CEILING VERSUS VISIBILITY

23208

MCCLELLA ' AFB CALIF/SACRAMENTO

40-72

APR

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CE L NO							. 5 3 .	TV 5"A"U	E > .ES							
*66*	≥ ≎	≥ 6	25	≥ 4	≩ 3	≥:.	27	≥ 、	≥ .	2	٠.	٠,	<u>.</u>	<u>*</u> * ^	≥ .	
NO 0€ LNC ≥ 10000	65.2° 76.5	67.9	68.2	68.4	68.5 80.7	58.5 80.7	68.5	80.7	68.5	68.6 80.7	68.6	68.6	68.6	60.5 80.8	68.6	68.6
≥ 5000 ≥ 6010	77.1	80.5.	80.8	81.2	81.3	81.3	41.3	81.3	81.3	81.4 82.0	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4000 ≥ 0000	79.5	82.9	83.2	83.6	83.7	83.7	23.7	83.7	83.7	83.7 84.9	83.7	8. 7	83.8	83.8	83.8	83.8
≥ 9000 ≥ 9000	81.6	85.1.	85.5	85.8	85.9	85.9	85.9	85.9	85.9	86.0 86.5	86.0	86.0	86.0	86.0	86.0	86.0
≥ \$000 ≥ *000	82.5	86.1	86.5	87.0	87.0	87.0	87.0	87.1	87.1	87.1 87.9	87.1	87.1	87.1	87.1	87.1	87.1
≥ 6000 ≥ 5000	84.1	88.0	88.4	88.9	89.0	89.0	89.0	89.0	89.0	89.0 90.1	89.0	89.0	89.1	89.1	89.1	89.1
≥ 4500 ≥ 4000	86.3 88.1	90.5 92.8	91.0	91.5 93.8	91.6 93.9	91.6 93.9	91.6	91.6	91.6	91.6 94.0	91.6. 94.0	91.6. 94.0	91.7	91.7	91.7 94.0	91.7
≥ 3500 ≥ 3000	90.5	95.4	96.1	96.6	96.7	96.7	96.7	96.8	96.8	94.9 96.8	96.8	96.8	96.8	96.8	96.8-	96.8
≥ 2500 ≥ 2000	91.6	96.8	97.5	98.1	98.3	98.4	98.4	98.5	98.5	97.8 98.5	98.5	98.5	98.5	98.5	93.5	98.5
≥ '800 ≥ '500	91.8	97.2	97.9	98.5	98.8	98.9	98.9	98.9	98.9	98.7 98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 200 1 ≥ 1000	91.8	97.2	98.0	98.8	99.2	99.3	99.4	99.5	99.5	99.0 99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 900 ≥ 800	91.8	97.3	98.1	99.0	99.3	99.5	99.6	99.7	99.7	99.6 99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700 ≥ 600	91.8	97.3	98.1	99.0	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500 ≥ 400	92.0	97.5	98.3	99.1	99.6	99.7	99.8	99.9	99.9	99.9	00.01	00.0	00.0	00.01	06.0	00.0
≥ 300 ≥ 200	92.0	97.5	98.3	99.1	99.6	99.7	99.8	99.9	99.9	99.91	00.01	00.0	00.0	00.0	00.0	00.0
≥ 100 ≥ 0	92.0	97.5	98.3	99.1	99.6	99.7	99.8	99.9	99.9	99.91	00.01	00.0	00.0	00.0	00.0	00.0

### CEILING VERSUS VISIBILITY

23208

MCCLELLA" AFB CALIF/SACRAMENTO

41-72

APH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CELNG							. 58:	\$-A-C-	'€ ∨ .ES							
tët.	≥ ;	≥ ¢	≥ 5	≥ 4	≥ 3	≥::	· .	<u> </u>	٤.	≥	≥-,	<i>-</i> •	3	≥^ •	<i>:</i> •	ž.
NO CE √NG ≥ 30000										74.1 81.7						
≥ 8000	78.6.	81.8	82.2	82.4	82.5	32.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 5000	80.8	84.0	84.4	84.6	84.0	84.5	34.6	84.6	84.6	82.9	84.6	84.6	84.6	84.6	84.6	84.6
> 2000										86.5						
≥ 9000										89.7						
≥ 7000	86.7	90.3	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 6000 ≥ 5000	89.1	93.0	93.5	93.8	93.8	93.8	93.9	93.9	93.9	92.1 93.9	93.9	93.9	93.9	93.9	93.9	93.9
; ≥ 4500 ≥ 4000			1	-		- 1		;		94.5 95.6						-
≥ 350° ≥ 3000										96.5						
≥ 7500 ≥ 3000	92.2	97.2	97.8	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ '800 ≥ '500	92.4	97.7	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ :206	92.5	97.9	98.7	99.2	99.5	99.5	29.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	92.5	98.0	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800 ≥ 700										00.01						
≥ ∞00	92.5	98.0	98.8	99.4	99.7	99.8	99.9	99.9	99.9	00.01	<u> </u>	00.0	100.0)	00.01	00.01	00.0
≥ 500 ≥ 400	92.5	98.0	98.8	99.5	99.7	99.8	99.9	99.9	99.9	00.01	00.05	00.0	100.0	00.0	00.0	00.0
≥ 300 ≥ 200	92.5	98.0	98.8	99.5	99.7	99.8	99.9	99.9	99.9	00.01	00.0	00.0	100.0	00.0	00.0	00.0
≥ 100 ≥ 0										00.01						
											-	<u></u>				-

## CEILING VERSUS VISIBILITY

23208

MCCLELLA : AFE CALIF/SACRAMENTO

41-72

APR

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CE , NO							v-\$18 .	"V \$"A".	F M LES		-					
tEE.	≥ ^	≥ 0	≥5	≥ 4	2	≥::	≥:	≥ -	٠. خ	≧	≥ 7•	2 -1	. ≥	33.0	≥ .	≥ 、
NO 5€ . NO ≥ 70X				80.1										30.1 83.2		
≥ 8000 ≥ 40°				83.6 83.8		-	_						_			
≥ 40.0 ≥ 20.1	83.9	B5.1	86.5	86.6	86.6	85.6	36.6	86.6	86.6	86.5	86.6	86.6	86.6	86.5	86.6	86.6
≥ 2000° ≥ <b>9</b> 000	85.5	87.8	88.1	87.7° 88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.7	88.2	88.2	88.2	88.2
≥ 8000 ≤	88.1	90.7	91.1	89.5i 91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 5000 ≥ 5000	91.0	94.0	54.3	92.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	24.5	94.5	94.5
≥ 4500 ≥ 4000	91.9	95.1	95.4	94.9 95.5 96.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3500	93.4	97.2	97.6	97.7	97.8	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 7500 ≥ 2000 ≥ 800	94.3	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
. ≥ 1500	94.3	98.6	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ '000	94.6	99.0	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	39.0	99.9	99.9	99.9	99.9
≥ 800																99.9 99.9
≥ 600	94.7	99.0	99.6		99.9	99.9	99.9	99.9	99.9	90.0	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500 ≥ 400 ≥ 300				99.8												100.0
≥ 300 ≥ 200 ≥ 100	94.7	99.0	99.6	99.8	99.9	99.9	100.0	100.0	100 • 0	100.0	100.0	00.0	100.0	100.0)	00.0	
≥ 0				99.8												

#### CEILING VERSUS VISIBILITY

23208

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MCCLELLAM AFF CALIF/SACRAMENTO

41-72

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0500

US BUTY STATUTE MILES CE. G NO CEL NG ≥ 6.40 ≥ 6.0 ≥ 4000 . 100 2000 8000 200 \$\begin{align\*}
\begin{align\*}
2.3 & 93.4 & 93.5 & ≥ 4500 94.0| 95.2| 95.3| 95.3| 95.3| 95.3| 95.3| 95.3| 95.3| 95.3<u>| 95.3| 95.3| 95.3| 95.3| 95.3| 95.3| 95.3| 95.3| 95</u>.3 3500 2000 1500 200 600 500 100 

TOTAL NUMBER OF OBSERVATIONS

2966

### CEILING VERSUS VISIBILITY

23208

MCCLELLAN AFB CALIF/SACRAMENTU

41-72

HAY

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CE NG							v S'8 .	"Y 5"A".	'E ∵ .ES							
itt.	≥ ;	≥ e	≥ 5	≥ 4	23	€:	≥;	≥ :	≥ .	≥	٠.	2 1	<u> </u>	25.4	_ •	٠.
NO CE . NO ≥ 20000										79.9						
										83.5						
≥ 8000 ≥ 6000										83.6						
										54.7						
≥ 4000 ≥ 1000										86.2						
≥ 3000										87.5						
≥ %000										87.8						
≥ \$000										88.6						
≥ ~>>>										89.0						
≥ ∞000										90.7						
≥ 5000	87.4	91.1	91.4	91.6	91.7	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 4500										92.4						
≥ 4000	88.5	92.5	92.9	93.0	93.1	13.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	89.0	93.1	93.4	93.6	93.7	95.7	93.8	93.8	93.9	93.9	73.9	93.9	93.9	93.9	93.9	93.9
≥ 3000										94.5						
≥ 7500										95.0						
≥ 2000										95.5						
≥ 500 ≥ 1500										95.7						
										96.1						
≥ 200										96.9						
<del></del>										97.8						
; ≥ 900 ≥ 800		1		. ,			- 1			98.8			:	1		
										99.3						
≥ 700 ≥ 600										99.5						
≥ 500										99.8						
≥ 400										99.8						
> 300										99.9						
≥ 300	93.4	98.4	98.9	99.3	99.6	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100										99.9						
≥ 0										99.9						
·	·					<del></del>					<del></del>				<del></del>	

### **CEILING VERSUS VISIBILITY**

23268

MCCLELLA AFE CALIF/SACRAMENTU

40-72

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## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

JE . NO							* S £ .	*• \$"A".	'e M LES							
*tE*	≥ ^	≥ 0	2 5	≥ 4	≥ 3	≥::	≥:		≥ .	2	ż.	2 .	2	<u>٠</u> ٠٠.	٠.	· .
ND 05 , NO ≥ 17000		74.5														
		80.4					~			81.8				*		
≥ \$000 ≥ 6000		81.0		-			-		_	82.1		-	_		_	
		82.1			٠.					83.2						
≥ 4000 ≥ 1000		34.3			_			_		85.4			- • -	_		
≥ 2000		85.5								86.7						
> 5000 2 0000		86.1														
≥ 50%		87.1														
≥ *300*		87.9														
≥ 5000	31.5	88.8	89.4	89.6	89.9	89.9	29.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0
≥ 5000	82.0	89.3	90.0	90.2	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.0	90.6
≥ 4500		89.9														
_ ≥ 4000		90.6														
≥ 3500		90.8														
≥ 3000		91.4														
≥ 2500		92.3														
≥ 2000	85.2	93.2	94.0	94.3	94.6	94.7	94.7	94.3	94.8	94.9	94.9	94.0	94.9	94.9	94.9	94.9
> +800 ≥ 1500	85.3	93.4	94.2	94.5	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.2
	80.0	94.1	95.0	95.3	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 200	27.0	95.2 96.1	20.1	90.4	95-8	יאר, או אר, או	00.0	97.0	03.0	97,1	97.1	97.1	9/.1.	97.1	9/•1	97.1
-	85.0	96.6	97 6	97.4	92 6	97.9	98.0	95.0	98.0	98.1	98.1	90.1	90.6	98.2	98.2	95.2
, ≥ 900 ≥ 800		96.8														
≥ 700		96.9														
≥ 600		97.0														
≥ 500	88.3	97.0	98.2	98.6	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8.	99.8.	99.9
≥ 400		97.0														
≥ 300		97.0														
≥ 200		97.0														
≥ 100		97.0														
≥ 0	88.3	97.0	98.2	98.6	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.5	99.9	99.9	99.9	00.0
												-				

#### CEILING VERSUS VISIBILITY

23265

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MCCLELLAN AFO CALIF/SACRAMENTO

د0~72

ŧΔY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

. 18. **1**5. 31**41**, 15. 41. 81.

0900-1100

No de No 70.5 75.1 75.6 75.8 75.8 75.3 75.4 75.3 75.8 75.9 75.9 75.9 75.9 75.9 75.9 75.9 73.7 34.9 84.5 84.6 84.8 84.9 84.8 84.8 84.8 84.8 84.8 84.6 84.3 54.8 84.8 84.8 54.8 4300 130 80.6 86.0 86.5 86.8 86.9 86.9 86.9 86.9 80.9 80.9 80.9 86.7 85.9 86.7 86.9 86.9 86.9 82.7 88.1 88.6 88.9 89.0 89.0 89.0 89.0 59.0 69.0 89.0 89.0 89.0 89.0 89.0 89.0 6000 6000 4000 353 3000 87.0: 92.6 93.1 93.4 93.5; 93.5; 93.5; 93.5; 93.5, 93.6; 93.6; 93.6; 93.6; 93.6; 93.6; 93.6; 93.6 2500 91.0: 97.2: 97.9: 98.3: 98.5: 98.5: 98.6: 98.6: 98.6: 98.6: 98.6: 98.6: 98.6: 98.6: 98.6: 98.6: 98.6: 98.6: 91.6, 98.1, 99.1, 99.4, 99.8, 99.9, 99.9, 99.9160.0100.0100.0100.0100.0100.0100.0 91.6, 98.1, 99.1, 99.4, .8, 99.8, 99.9, 99.9, 99.9160.0160.0100.0100.0100.0100.0100.0 100 

36.50

#### CEILING VERSUS VISIBILITY

23208

MCCLELLA - AF3 CALIF/SACRAMENTO

40-72

⇒4Y

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

sage of at the ex-

1200-1400

- ATX 82.1 84.7 85.0 85.1 85.1 85.1 85.2 85.2 85.2 85.2 85.2 85.2 95.2 85.2 95.2 85.2 . 19 23 ann 84.4 67.0 67.3 87.4 67.4 87.4 87.5 87.5 87.5 87.5 87.5 87.5 87.5 97.5 97.5 87.5 87.5 800 85.7 88.3 88.6 **58.7 88.7 88.7 88.8 56.3 68.8 68.5 33.8 88.9 86.6 35.3 38.3 88.8** 2 4500 2 4000 90.8' 93.7 94.0 94.2' 94.2' 94.2' 94.3' 94.3' 94.3' 94.3' 94.3' 94.3' 94.3' 94.3' 94.3' 94.3' 747 95.2: 98.7: 99.2: 99.4: 99.4: 99.4: 99.5: 99.5: 99.5: 99.5: 99.5: 99.5: 99.5: 99.5: 99.5: 99.5 53 533 95.4. 98.9 99.5 99.8 99.8 99.9 99.9 90.0 00.0 0100.0 00.0 00.0 0100.0 0100.0 0100.0 500 SX AX 

### CEILING VERSUS VISIBILITY

23208

MCCLELLAN AFB CALIF/SACRAMENTO

40-72

4AY.

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CELING							V 5-81.	tta Starc	'E v .ES							
IFEET.	≥ '0	≥ 6	≥ 5	≥ 4	≥ 3	≥:;	≥ 2	≶,	2 ,	2	≥ .	23	2 ·	* ` .		>
NO CEILING	73.1 82.3					74.6										
≥ '8000	82.5	84.1	84.3	84.3	84.4	84.4 85.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ '4000 ≥ 2000	84.6	86.1	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
> '0000 ≥ 9000	87.5	89.2	89.4	89.4	89.4	89.4 89.8	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 8000 ≥ 7000	88.6	90.4	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.1	90.7
≥ 6000 ≥ 5000	89.7	91.7	91.9	91.9	91.9	91.9 93.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4500 ≥ 4000	91.8	93.7	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 3500 ≥ 3000	94.2	96.3	96.5	96.5		96.6	96.7	96.7		96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500 ≥ 2000	96.3	98.4	98.7 99.3			98.8	98.9	98.9	98.9	98.9 99.5	98.9 99.5	98.9 99.5	98.9	98.9	98.9	98.9 99.5
≥ 1800 ≥ 1500		99.0 99.2					99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200 ≥ 1000	96.8 96.8	99.2	99.5 99.6		99.8	99.8	09.9	99.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900 ≥ 800	96.8	99.2	99.6	99.6	99.8	99.8 99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700 ≥ 600	90.8		99.6	99.6	99.8	99.8 99.8	79.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	96.8	99.2	99.6	99.6	99.8	99.8 99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 360 ≥ 200	95.8		99.6	99.6	99.8	99.8 99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 00						99.8 99.8										

### CEILING VERSUS VISIBILITY

MCCLELLA AFB CALIF/SACRAMENTU 41-72

YAP

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VSE HTY STATUTE MILES

18<u>00-</u>3000

CE	.·NG							* 3 1	., , , , ,							_	
	EE.	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 3	≥;	> ,	> .	``	٠,٠				٠.	
	1																
NO (	CE L NG	75.7	77.0	77.2	77.2	77.3:	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.31	77.3	77.3
≥	20000						85.0										
, ,	5000	83.9	85.3	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
	,0000	84.2	85.6	85.7	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.0	85.9	85.9	85.9	85.9
>	.4000	80.1	87.5	87.6	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.3	87.8	87.8	87.8	87.8
_	2000	88.3	89.7	89.9	89.9	90.0	9(.0)	90.0	90.0	90.0	90.0	90.0	90.0	90.0.	90.0	90.0	90.0
>	0000	90.3	91.7	91.8	91.8	91.9	91.9	32.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
	200c	90.5	91.9	92.0	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥	±0000						93.0										
2	3.00	91.8	93.3	93.4	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.5	93.6	93.6	93.6	93.6
2	6900	92.7	94.3	94.4	94.4	94.5	94.5	94.6	94.6	94.6	94.5	94.6	94.6	94.6	94.6	94.6	94.6
≥	5200	93.5	95.1	95.2	95.2	95.3	95.3.	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4.	95.4
>	4500	94.4	96.0	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3.	96.3	96.3	96.3	96.3	96.3	96.3
	4000	95.6	97.3	97.4	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
. ≥	3500	96.0	97.7	97.6	97.9	98.0	98.0	08.0	98.0	98.0	98.0	98.0	98.0	98.0.	98.0	98.0.	98.0
≥	3000	96.8	98.6	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	2500	97.1	99.2	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	2000	97.3	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.1	99.7	99.7	99.7	99.7	99.7
≥	1800	97.3	99.3	99.5	99.5	99.6	17.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	1500	97.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥	-200	97.4	99.4	99.6	99.6	99.7	27.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥	י000	97.4													99.9		
≥	900	97.4	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥	800	97.4	99.5	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.01	00.0	00.0
_ ≥	700	97.4	99.5	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	00.0
≥	600	97.4	39.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.01	00.0	00.0
≥	500	97.4	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	00.0
≥	400	97.4	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	00.0
≥	300	97.4	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	00.0
2	200	97.4	99.5	99.7	99.7	99.9	90.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	00.0
≥	100	97.4	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	00.0
≥	0	97.4	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	00.0

### CEILING VERSUS VISIBILITY

23208

MCCLELLAN AFB CALIF/SACRAMENTU

41-72

4**4** Y

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NISHBILTY STATUTE WILES

CELING													_			
rif.	≥ 0	≥ 5	≥ 5	≥ 4	≥ 3	≥ 2 ·	≥:	≥ -	ż .	≥	24		3	-	٠.	
NO CE LING	83.3	83.6	83.9	83.9	84.0.	84.0	34 - 0.	84.0	84.0	84.0	84.0	84.0	84.0	A4.0	84.0	84.0
≥ 200000										87.3						
≥ 8000										87.5						
≥ 6000	87.0	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ '4000										89.0						
≥ 2000	89.8									90.6						
≥ 0000	91.1									91.9						
≥ 9000										92.4						
≥ 6000	- 1	93.3								97.4						
≥ '000	93.1									94.0						
≥ 6000 ≥		95.3								95.4						
2 4000	95.0									96.0						
≥ 4500	95.7									96.8						
≥ 4000	96.5									97.6						
≥ 3500	97.2									98.4						
≥ 3000	97.6									98.9						
≥ 2500 ≥ 2000	97.7									99.1						
	97.9									99.3						
≥ 1500		99.2								99.4						
<del></del>	98.1									99.6						
≥ 1000	98.4					- 1		- 1	1	99.9		:		- ,		
	98.4									99.9						
≥ 900 ≥ 800										99.9						
										00.01						
≥ 700	98.4	99 8	99.9	99.9	00-0	100.0	00.0	00.0	100-0	00.01	00.0	00.0	00.0	00.01	00.0	00.0
≥ 500	98.4	99.8	99.9	99.9	00.0	100-0	00.0	00.0	100.0	00.01	00.03	00.0	00.0	00.0	00.0	00.0
≥ 400	98.4									00.01						
≥ 300		99.8	99.9	99.9	00.0	100.0	00.0	00.0	100.0	00.01	00.01	00-0	00.0	00-01	00.0	00.0
≥ 200	98.4	99.8	99.9	99.9	100.0	100.0	ing.o	00.0	100.0	00.01	00.0	00.0	00.0	00.01	00.0	100.0
≥ 100	98.4	99.8	99.9	99.9	00.0	100.0	00.0	00.0	100.0	00.01	00.0	00.0	00.0	00.01	00.0	00.0
≥ 0										00.01						
<u> </u>	نتتنا		لتننب													

## CEILING VERSUS VISIBILITY

23208

MCCLELLA' AFR CALIF/SACRAMENTO

41-72

JUN

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

J000-03<u>0</u>0

CELNG						<del> </del>	· 5 3 ·	TY STAT.	TE N LES							
FEET	.5. ₹	≥ 6	2 5	≥ 4	≥ 3	≥:;	≥:	≥``	≥'.	 ≥	≥ .	2.5	4	25.6	<b>}</b> .	≥ .
NO CEIL'NG ≥ 20000	91.6													92.1		
≥ 8000 ≥ '6000	93.4	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 14000 ≥ 12000	93.8	94.3	94.3	94.3	94.3	94.3	94.4	94.4.	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 0000	95.3	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.0	95.9	95.9	95.9	95.9
≥ 8000 ≥ 7000	96.1	96.6	96.6	96.7	96.7	96.7	96.7 97.3	96.7	96.7	96.7 97.3	96.7	96.7	96.7	96.7	96.7 97.3	96.7
≥ 6000 ≥ 5000	97.4	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	97.7: 98.0:	98.0	98.0
≥ 4500 ≥ 4000	97.5 97.8	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500 ≥ 3000	98.2	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.5 98.8	98.8	98.8
≥ 2500 ≥ 2000	98.3	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	98.8	99.0	99.0
≥ 1600 ≥ 1500	98.4	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.0	99.1	99.1
≥ 1200 ≥ 1000	99.0	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.4	99.8	99.8
≥ 900 ≥ 800	99.2	99.9	99.9	00.0	100.0	100.0	100.0	100.0	100.00	00.01	.00.0	100.0	100.0	99.9	.00.01	00.0
≥ 700 ≥ 600	99.2	99.9	99.9	00.0	100.0	100.0	100.0	100.0	100.0	00.0	.00.0	100.0	100.0	00.01	.00.0)	00.0
≥ 500 ≥ 400	99.2	99.9	99.9	00.0	00.0	100.0	100.0	100.0	100.0	00.01	.00.0	100.0	100.0	00.0	.00.01	00.0
≥ 300 ≥ 200	99.2	99.9	99.9	00.0	100.0	100.0	100.0	100.0	100.0	00.0	00.0	100.0	100.0	00.01	00.0	100.0
≥ 100 ≥ 0	99.2	99.9	99.9	00.0	100.0	00.0	100.0	100.0	100.0	00.0	00.0	100.0 160.0	100.0	00.01	00.0	100.0

### CEILING VERSUS VISIBILITY

23206

HCCLELLAN AFS CALIF/SACRAHENTO

40-72

JUN

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBLITY STATUTE MILES

0300-0500

CE-LING			<u></u>											_		
*EE*	≥ '≎	≥ 6	≥ 5	≥ 4	≥ 3	≥:,	≥:	≥ :	≥ .	≥	≥ '.	≥ ′₁	•	2: ^	≥ .	2 .
NO CELING	84.9	87.4	87.0	87.7	87.8	37.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 20000	87.3	89.9	90.1.	90.2,	90.3	99.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 8000	37.5	90.0	90.2	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 6001	87.5	90.0	90.2	90.4	90.4	90.4	90.4	90.5	90.5	90.5	20.5	90.5	90.5	90.5	90.5	90.5
≥ 4000	88.2	90.8	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2000	39.4	92.0	92.2	92.3	92.4.	92.4	92.4	92.5	92.5	92.5	92.5.	92.5	92.5	92.5	92.5	92.5
> 0000	90.6	93.1	93.3	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.0.	93.6	93.6	93.6	93.6	93.6
≥ 9000	90.9	93.5	93.7	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
, ≥ 8000	91.5	94.1	94.3	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6:	94.5
. ≥ 7000	92.1	94.8	95.0	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95,3	<u>95,3:</u>	95.3
≥ 5000 ≥ 5000	92.4	95.1	95.3	95.4	95.5	95 - 3'	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
	92.9	95.5	95.7	95.9	95.9	95.9.	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
, ≥ 4500 ≥ 4000	93.0	95.0	95.9	90.0	90.11	96.1	96.1	96.1	96.1:	96.1	96.1	96.1	96 • 1	96.1	96.1	96.1
														96.1		
≥ 3500	93.3	96.0	96 3	96 4	96 5	96 5	90.3	90.4	90.4	70.4	90.4	70.4	70 • 4	96.4	70.4	90.4
≥ 2500	93.5	96.2	94.5	96.6	96.7	96.7	96.7	94-8	96 B	96 8	96 8	96.8	96 B	96.8	96 8	96.8
≥ 2000	93.6	96.3	96.6	96.7	26.8	96.8	96.8	96.9	96.9	96.9	94.9	96.9	96.9	96.9	96.9	96.9
= 1800	93.6	96.4	96.6	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	95.9
≥ 500														97.5		
= 1200														98.0		
≥ 1000														99.1		
≥ 900	95.7	98.9	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	96.0	99.2	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	90.1													99.8		
≥ 600	96-1	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	96.1	99.3	99.7	99.8	99.9	99.9	99.9	100.0	00.0	00.0	00.01	00.0	100-0	00.0	.00.0	00.0
≥ 400	96.1		99.7	99.8	99.9	99.9	99.9	100.0	00.0	00.0	00.0	00.0	100.0	00.0	00.0	00.0
≥ 300	96.1	99.3	99.7	99.8	99.9	39.9	99.9	100-0	00.0	00.0	.00.0	00.0	100.0	00.0	00.0	00.0
≥ 200	96.1	99.3	99.7	77.0	99.9	34.4	99.9	100-0	00-07	00.0	00.0	00.0	100.0	100.0	00.01	00.0
≥ 100	96.1	77.2	77.7	97.0	99 0	77.7	27.7	100.01	100.0	00.0	00.0	00.0	100.0	00.0	00.0	00.0
= "	70.1	37.0	7701	77.0	77.7	27.7	77.7	100+01	100+01	00.01	00.01	UU • 0)	100.0	100.0	00.0	00.0

## CEILING VERSUS VISIBILITY

HCCLELLAN AFR CALIF/SACRAMENTO 40-72

JUN

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ASBUTY STATUTEM LES

0600-0800

FEE: ≥ 2 ≥ 2 ≥ 2 ≥ 2 ≥ 2 ≥ 2 ≥ 2 ≥ 2 ≥ 2 ≥	≥ ^ · ·	
≥ 2000 83.2 88.6 89.0 89.2 89.2 69.2 49.2 89.2 89.2 89.3 89.3 89.3 99.3 2 80.0 83.5 88.9 89.3 89.5 89.5 89.5 89.5 89.5 89.5 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6	· · · ·	-
83.2 88.6 89.0 89.2 89.2 89.2 89.2 89.2 89.2 89.2 89.3 89.3 89.3 99.3 89.0 89.6 89.6 89.6 89.6 89.6 89.6 89.6 89.6	85.2 85.3	85.3
≥ 8000 83.5; 88.9; 89.3; 89.5; 89.5; 89.5; 89.5; 89.5; 89.6		
≥ 4000 84.1. 89.6 90.0 90.2 90.2 90.2 90.2 90.2 90.2 90.3 90.3 90.3 90.3 ≥ 1000 85.8 91.3 91.7 92.0 92.0 92.0 92.0 92.0 92.0 92.0 92.1 92.1 92.1 92.1		
84.1 89.6 90.0 90.2 90.2 90.2 90.2 90.2 90.2 90.3 90.3 90.3 90.3 90.3 90.3 90.3 90.3		
35.8! 91.3! 91.7! 92.0 92.0! 92.0 92.0! 92.0 92.0! 92.0 92.0 92.0 92.0 92.0 92.1 92.1 92.1	90.3 90.3	90.3
86.7 92.3 92.7 92.9 92.9 92.9 92.9 92.9 92.9 92.9	97.1 92.1	92.1
- S. MM Amail swall swall swall char tract tract tract that that tract is at the track track tract	93.0 93.1	93.1
≥ ∞ 87.3  92.8  93.2  93.5  93.5  93.5  93.5  93.5  93.5  93.5  93.5  93.5		
≥ 8000 88.0 93.6 94.0 94.3 94.3 94.3 94.3 94.3 94.3 94.3 94.3	94.4.94.4	94.4
≥ <sup>7000</sup>   88.3   93.9   94.4   94.6   94.6   94.6   94.6   94.6   94.6   94.6   94.6   94.6   94.7   94.7   94.7		
≥ cm 88.7 94.3 94.8 95.0 95.0 95.0 95.0 95.0 95.0 95.0 95.0	95.1 95.2	95.2
2 500 189.2 94.8 95.3 95.5 95.5 95.5 95.5 95.5 95.5 95.5	95.7 95.7	95.7
≥ 4500 89.3 94.9 95.4 95.7 95.7 95.7 95.7 95.7 95.7 95.7 95.8 95.8 95.8	95.9 95.8	95.8
$1 \ge 4000 + 89.3 + 95.0 + 95.4 + 95.7 + 95.7 + 95.7 + 95.7 + 95.7 + 95.7 + 95.8 + 95.$		
≥ 3500 89.4 95.1 95.5 95.8 95.8 95.8 95.8 95.8 95.8 95.8	95.9 95.9	95.9
≥ xxxx 89.6 95.2 95.7 96.0 96.0 96.0 96.0 96.0 96.0 96.0 96.0	96.1 90.1	96.1
≥ 2500 89.6 95.4 95.9 96.2 96.2 96.2 96.2 96.2 96.2 96.2 96	* 96.3( 96.3)	96.3
≥ 2000   89.9   95.7   96.2   96.5   96.5   96.5   96.5   96.5   96.5   96.5   96.6   96.6   96.6	96.6 76.7	96.7
$\geq .800$   90.1   95.9   96.3   96.7   96.7   96.7   96.7   96.7   96.7   96.7   96.8   96.8   96.8		
≥ 500 90.4 96.4 96.9 97.2 97.2 97.2 97.2 97.2 97.2 97.2 97	97.3: 97.3:	97.3
≥ m 91.0 97.0 97.5 97.8 97.8 97.8 97.8 97.8 97.8 97.8 97.8	97.9 98.0	98.0:
2 1000 91.9 97.9 98.4 98.8 98.8 98.8 98.8 98.8 98.8 98	98.9 99.0	99.0
$\geq \infty$ 92.1 98.2 98.8 99.1 99.1 99.1 99.1 99.2 99.2 99.3 99.3 99.3	99.3, 99.3	99.3
$\frac{5}{80}$ 92.4 98.6 99.1 99.5 99.5 99.5 99.5 99.5 99.5 99.6 99.6	99.6 99.7	99.7
$\geq$ 700 92.4 98.6 99.1 99.5 99.5 99.5 99.5 99.5 99.5 99.6 99.6	99.6 99.7	99.7
$\geq \infty$ 92.4 98.6 99.2 99.5 99.5 99.6 99.7 99.7 99.8 99.8 99.8	99.8 99.8	99.8
$\geq 500$ 92.4 98.7 99.2 99.6 99.6 99.6 99.7 99.7 99.8 99.8 99.9 99.9 99.9	77.9 77.9	77.7
2.4 98.7 99.2 99.6 99.6 99.7 99.7 99.8 99.8 99.9 99.9 99.9 99.9	79.9 99.9	77.7
≥ 30 92.4 98.7 99.2 99.6 99.7 99.7 99.8 99.8 99.8 99.9 99.9 00.0		
2 w 92.4 98.7 99.2 99.6 99.7 99.7 99.8 99.8 99.8 99.9 99.9 99.9	300.0100.0	00.0
$\geq$ 100 92.4 98.7 99.2 99.6 99.7 99.7 99.8 99.8 99.8 99.9 99.9100.0		
≥ 0 92.4 98.7 99.2 99.6 99.7 99.7 99.8 99.8 99.8 99.9 99.9 99.9	T00-0100-01	.00.0

### CEILING VERSUS VISIBILITY

23208

HCCLELLA' AFB CALIF/SACRAMENTU

40-72

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CE , NG							v S'8 v	77 STATE	E M LES				-			_
:66.	≥ 0	≥ 5	≥ 5	≥ 4	≥ 3	27;	≥:	≥';	≥ .	≥	ے '۔ چ'،	2 h	•	25.6	<b>.</b>	2.0
NO CE: NO ≥ :0000										86.8						
≥ 6000	80.9	91.2	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000 ≥ 12000	87.6	92.0	92.2	92.4	92.4	92.4	92.41	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 0000 ≥ 90u0										93.8 94.2						
≥ 8000 ≥ 7000	90.2	94.8	95.0	95.2	95.2	95.2	95.2	95.3	95.3	94.9 95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 6000 ≥ 5000		95.6	95.9	96.0	96.0	96.0	96.1	96.1	96.1	95.5 96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4500 ≥ 4000		96.0	96.3	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3500 ≥ 3000	92.5	97.3	97.6	97.8	97.8	97.8	97.8	97.9	97.9	97.1 97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2500 ≥ 2000	93.4	98.3	98.0	98.8	98.8	98.8	98.8	98.8	98.8	98.6 98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500 ≥ 1500	93.9	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.6	98.9	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	94.1	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900 ≥ 800	94.1	99.3		99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700 ≥ 600		99.3	99.7	99.8	99.8	99.9	00.0	00.0	100-0	00.01	00.0	100.0	100.0	100.01	00.0	00.0
≥ 500 ≥ 400	94.1	99.3	99.7	99.8	99.8	99.9	10.0	00.0	100.00	00.01	00.0	100.0	100.0	100.0	00.0	00.0
≥ 300 ≥ 200	94.1	99.3	99.7	99.8	99.8	99.9	100.0	00.0	10:01	00.01 00.01	00.0	100.0	100.0	100.0	100.0	00.0
≥ 100 ≥ 0										00.01						

## CEILING VERSUS VISIBILITY

23208

MCCLELLAY AFB CALIF/SACRAMENTA 40-72

JUN

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

+ 5 8 L TH STATUTE MILES

GLNG .																
166.	≥ :	≥ 6	≥ 5	≥ 4	≥ 3	≥::	≥:	<b>&gt;</b> ·	<b>2</b> .	2	<i>.</i>	2 +	2	:5 *	٠.	-
NO SELING	91 6	9- 1	94 3	04 4	04 /	94 /	D	<del></del> ,	<del></del>	~	~	· , - 🕶	<del></del> ,-	0.	~.·	3. 7
≥ 10000	28.7	91 4	01 7	00.4	01 8.	00.4	70.4 C1.a	01.0	00.4	86.4	80.4	80.4	00.4	03.4	00.4	00.4
<del></del>																
≥ 6000 ≥ 5000										92.0						
	99.1	92.0	92.6	92.0	92.0	92.5	45.0	92.3	92.3	92.3	92.3	92.3	92.3	77.3	72.3	92.3
≥ 14000 ≥ 2000	07.1	92.0	72.0	72.7	72.9	77.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
F	70.2	93.2	99.5	93.4	93.4	73.4	93.4	97.4	73.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
> 2000 ≥ ≪000										94.1						
	91.4	94.2	94.5	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 8000 ≥ *2000	71.0	94.0	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
	91.7	94.8	94.9	95.0	75.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 6000 ≥ 5000	92.1	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4.	95.4	95.4	95.4	95.4	95.4	95.4	95.4
	92.4	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	<u>95.7</u>	95.7	95.7	95.7	95.7	95.7
≥ 4500	92.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	90.1	96.1	96.1	96.1	96.1	96.1
≥ 4000	93.8	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3500 ≥ 3000	94.3	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97,7	97.7
2 300	95.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	96.8	98.8	98.8	98.8	98.8
≥ 2500										99.4						
≥ 2000										99.5						
≥ 800	95.9	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	96.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	^9.8	99.8	99.B	99.8	99.8	99.B	99.8
≥ 200	96-1	99.7	99 - 8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99•9¦	99.9	99.9	99.9	99.9
> ,000	96.1	99.7	99.83	100.0	00.0	100-0	100.0	100.0	100.0	100.01	00.0	00.0	100.0	00.01	00.0	100.0
≥ 900 ≥ 800	96.1	99.7	99.83	100.05	00.0	100.0	100.0	00.0	00.0	00.01	00.0	[0•00]	100.0	00.01	.00.0	100.0
≥ 800	96.1	99.7	99.8	100.0	00.0	100.0	00.0	100.0	100.0	100.03	00.0	00.0	00.0	00.03	00.0	100.0
≥ ~~C	96.1	99.7	99.8	100.0	00.0	100.01	00.0	100.0	100.0	100.0	00.07	100.0	00.07	00.0	.00.0	100.0
≥ 600	96.1	99.7	99.8	100.0	00.0	100.0	100.0	100.0	100.0	00.01	00.0	00.0	00.0	00.0	00.0	100.0
≥ 500	96 · L	99.7	79.8	100.0	100.0	100.0	100.0	100.0	100.07	00.01	00.0	00.0	(0.00	00.0	.00.0	100.0
≥ 400	96.1	99.7	99.8	100.0	00.0	100.0	00.0	00.0	100.0	100.01	00.0	00.0	100.01	00.01	00.0	100.0
≥ 300 ≥ 200	96.1	99.7	99.8	100.0	100.0	100.01	100.0	100.0	100.0	100.03	00.0	00.0	00.0	00.0	00.0	100.0
≥ 200	96.1	99.7	99.87	100.0	00.0	100.0	00.0	100.0	100.0	loo.et	00.0	100.0	00.01	00.01	.00.0	100.0
≥ 100 ≥ 0	96.1	99.7	99.8	100.0	00.0	100.0	00.0	100.0	00.0	00.01	00.0	00.0	00.0	00.0	00.0	100.0
≥ 0	96.1	99.7	99.8	100.0	00.0	100.0	00.0	100.0	100.0	100.01	00.0	100.0	00.0	00.01	.00.01	100.0

### CEILING VERSUS VISIBILITY

23208 MCCLELLA AFR CALIF/SACRAMENTU

40-72

JUH

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CE . NG							. \$8.	** \$*A*J*	E M LES							
FEE	≥ :	≥ 6	2.5	≥ 4	23	≥::	≥:	≥ ·	≥ .	≥	٠، چ	2 )	2		2.	2
NO SELING ≥ 20000										85.9 92.4						
≥ '8000 ≥ 5000	91.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	97.8	92.8	92.8
≥ 4000 ≥ 1000	92.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3000 ≥ 9000	94.5	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9 96.0	95.9	95.9	95.9	95.9	95.9	95.9
≥ 8000 ≥ 7000	95.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5 96.9	96.5	96.5	96.5	96.5	96.5	96.5
≥ 6/00 ≥ 5000	95.7	97.0	97.1.	97.1.	97.1	97.1	97.1	97.1	97.1	97.1 97.6	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4500 ≥ 4000	96.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8° 98.7°	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3500 ≥ 3000	97.7	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.05 99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2500 ≥ ^^000	98.1	99.9	99.9	00.0	00.0	100.01	20.01	00.0	00.0		00.0	00.01	100.0	00.01	00.0	100.0
. ≥ .00	98.1	99.9	100.0	00.0	100.0	100.0	0.01	100.00	100.0	00.02	00.0	00.0	100.01	00.01	00.0	100.0
≥ 200	98.1	99.9	100.0	100.0	100-0	100.0	0.00	00.0	100.00		00.0	00.0	100.0	00.0	00.0	100.0
≥ 900 ≥ 800	98.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0		00.0	00.0	100.0	00.01	00.0	100.0
≥ 700 ≥ 600	98.1	99.9	100.0	100.01	100.0	100.0	10.0	00.0	00.0	00.01	00.0	00.0	100.0	00.01	00.0	100.0
≥ ±00 ≥ ±00	98.1	99.9	100.0	00.0	100-0	100.0)	10.01	100.0	100.0	00.01	00.0	00.0	100.0	00.01	00.0	100.0
≥ 300 ≥ 200	98.1	99.9	100.0	100.0	100.0	100.0	(0.00)	100.0	100.0	00.0	00.0	(00 <b>.</b> 0)	100.01	100.00	00.0	100.0
≥ 00	98.1	99.9	100.0	00.0	00.0	100.0	00.0	00.0	00.0	00.01	00.0	00.0	00.0	00.01	00.0	L00.0

## CEILING VERSUS VISIBILITY

23208

MCCLELLAM AFR CALIFYSACRAMENTU

40-72

HUL

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CE L NG				_			• S B .	TY \$TATUT	E * .ES							
tEE.	≥ 3	≥ ¢	≥ 5	≥ 4	≥ 3	≥ ? -	≥:	≥ .	≥ .	2	≥ .		2	•••	٠.	2
√3 €£ , NG			36.5													
≥ 20000	91.9	92.5	92.0	92.6	92.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.5	92.0	92.6
≥ 6000			93.0													
≥ 6000	92.5	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.7	93.2	93.2
≥ 4000			94.6													
≥ 2000	95.2	96.0	96.0	96.0	90.0	96.0	96.0	96.0	96.0:	94.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	96.1	96.9	90.9	96.9	96.9	96.9	96.9	96.9	90.9	95.9	96.9	٠ ٩	96.9	96.9	96.9	96.9
≥ 2000			97.1													
≥ 3.¢			97.7													
≥ 200	97.3	98.2	98.2.	98.2	98.2	93.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 6000	97.6	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 5000	97.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4500	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 4000	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
> 5600	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	94.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 3500 ≥ 3000	98.6	99.0	99.6	99.6	99.6	99.6	99.6	99.6	9:-6	99.6	99.0	99.6	99.6	99.5	99.6	99.6
> 2600	98.9	99.8	99.8	99 . R	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2500 ≥ 2000	GR Q	99.9	99.9	99.9	99.9	99.0	09.9	99.9	99.9	99 9	99.9	99.9!	99.9	99.9	99.9	99.9
	98.9	99.9	99.9	99.9	99.9	99.0	20.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
> 500 ≥ 1000	00.0	100 0	100.0	100.0	00.0	00.0	00 0	00.0	00-03	00.0	00.0	00-0	100.0	00.0	00.0	00.0
	0 10	100.0	100.0	00 0	00.0	00 0	00.0	00.0	00.0	00 0	00.0	00-0	100.0	00.0	00.0	00.0
≥ 200 ≥ 200	02 0	100.0	100.0	00.0	lon o		00.0	00.0	00.0	00.0	00.0	00.0	100.0	00.0	00.0	00.0
			100.0													
≥ 900 ; ≥ 800	00 0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	A A	00.0		000	100.0	20.0	00.0	00.0
			100.0													
≥ 700 ≥ 500			100.0													
			100.0													
≥ 500 ≥ 400																
= 430			100.0													
≥ 300			100.0													
≥ 200			100.0													
≥ 100			100.0													
≥ 0	98.9	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0

### CEILING VERSUS VISIBILITY

23208

MCCLELLAN AFS CALIF/SACRAMENTO

41-72

JUN

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

V \$ 8 L TY | STATUTE MILES

5100-5300

CELMO .													-			
••	≥ :	≥ ≎	≥ 5	≥ 4	≥ 3	≥:-	≥:	≥';	≥ .	≥	2 °•	25	<u></u>	45.6	ż ·	٠.
10 CE . NO	92.0	92.3	97.4	92.4	92.4	92.4	92 4	92 "	92.4	92 4	92 4	92.4	02 4	92 4	92 4	92 4
≥ :0000	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.0	94.6	94.6	94.6	94.6	94.6
≥ 8000	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	74.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 5000		94.8														
≥ 4000	94.7	95.1	95.2.	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	75.7	95.2	95.2	95.2	95.2
≥ 2000	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 0000	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 9000	90.9	97.3	97.3.	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800C	97.4	98.0	98.0	98.0	98.0	89.0-	98.0	98.0.	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ *30:	97.9	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	96.5	9 5	98.5	98.5
≥ 6000	98.2	98.7	98.8	98.8	98.8:	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	9 .8	98.8	98.8
≥ 5000	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	<u> </u>	99.1	99.1
≥ 4500	98.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99+21	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400.	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 3500 ≥ 3000		99.4														
	99.1	99.5	97.5	99.01	99.3	97.5	99.5	99.5	99.0	99.5	99.5	99.5	99.5	77.5	77.5	99.5
≥ 2500 ≥ 2000		99.8														
	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.0	99.0	99.9	99 9	99.9	99.0
≥ 800 ≥ 500	99.3	99.9	100.0	00.01	00.0	00.0	00.0	00.0	00.01	00.01	00.0	00-6	100-0	00.01	00.0	100-0
≥ 300	99.4	100.0	100.0	00.01	00.0	00.0	00.0	00.0	00.01	00.01	00.0	00.0	100.0	00.01	00.0	100.0
1 ≥ 1000 1	99.4	100.0	100.0	00.01	00.0	100.0	00.0	00.0	100.01	00.01	00.0	00.0	100.0	00.01	00.0	100.0
≥ 900 ,	99.4	100.0	100.0	00.01	.00.0)	100.0)	00.01	00.0	100.01	00.01	00.0	00.0	100.01	00.0)	00.0	100.0
≥ 800	99.4	100.0	100.0	00.01	.00.0	100.01	10.01	00.0	100.00	00.01	00.0	100.0	100.01	00.01	00.0	100.0
30 ≤	99.4	100.0	100.01	00.0	00.0	100.0	00.01	00.01	100.01	00.01	00.0	00.0	100.01	00.01	00.01	100.0
≥ 600 !	99.4	100.01	100.01	100.01	.00.01	100.01	.00.01	00.01	100.01	00.01	.00.01	100.01	100.01	.00.01	.00.01	100.0
≥ 500 ≥ 400	99.4	100.0	100.0	100.01	00.0	100.0	00.0	00.0	100.0)	10.00	00.0	00.0	100.0	00.01	00.0	100.0
. ≥ 400	99.4	100.0	100.0	00.01	00.0	100.0	00.0	00.01	100.03	00.01	00.0	100.0	100.0	00.01	00.0	100.0
≥ 300	99.4	100.0	100.0	00.01	00-0	00.0	00.0	00.0	00.01	00.01	00.0	00.0	100.0	00.0	00.0	100.0
≥ 200	99.4	100.0	100.0	00.0	00.0	100.C	.00.0	00.0	100.01	00.01	00.0	00.0	100.0	00.01	00.0	100.0
≥ :00	77.4	100.0	100.0	00.0	00.0	rão•o	00.0	00.0	100.01	00.01	00.0	100.0	100.0	00.01	00.0	100.0
≥ 0	77.9	100.0	100.0	00.01	00.01	100.0	100.0	00.01	00.01	00.01	00.0	00.0	100.01	00.01	00.0	100.0

### CEILING VERSUS VISIBILITY

MCCLELLA'. AFB CALIF/SACRAMENTU 41-72

JŲL

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

+ \$ 8 t, TY | STATILTE MILES

0000-0500

CF 150											_					
ŧĒĘ.	<b>2</b> 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ ; -	≥:	≥,	≥ .	>	ž •	2 •	2	• •	2.	≥ .
NO CEL NO	95.7	96.4	90.4	96.4	96.4	96.4	90.4	96.4	90.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 20000														97.2		
≥ '5000	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97,3	97.3	97.3	97.3	97.2	97.3	47.3	97.3	97.3
≥ 1,5000	95.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97,5	97.5	97.5	97.5	97.5
≥ 4000	97.5	93.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.7	98.2	98.2
≥ 2000														98.8		
≥ 3000	1	-							_	-				99.0		
> 2000														99.1		
≥ 3000					_			_						99.3		
≥ *300														99.3		
≥ 5000					,				-				_	99.3	-	
≥ 5000														99.5		
≥ 4500 ≥ 4000														99.5		
														99.5		
≥ 3500 ≥ 3000														99.5		
≥ 250C														99.5		
≥ 2000														99.6		
≥ .800														99.6		
≥ 1500														99.7		
≥ :200														99.9		
≥ '000'														100.01		
, ≥ 90C ≥ 90C														100.0		
≥ 900														100.0		
200 ≤														100.0		
≥ 500														100.0		
≥ 500														.00.0		
; ≥ 400														00.0		
≥ 300														100.01		
														100.0		
≥ ,00														100.0		
	7,763	# 00 • O	- vu • v		LUU O V	10000		00.0	100.0	UV AU		TOO O		100.01	100.0	1000

#### CEILING VERSUS VISIBILITY

23265

MCCLELLA" AFR CALIF/SACRAMENTS

40-72

JUL

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2300-0500

G . 55 94.5 93.7 93.9 94.1 NO 081. NO ≥ 2000 15000 3000 7000 97.1 98.3 98.5 98.7 98.8 98.6 98.8 98.8 98.8 98.6 78.6 99.9 98.8 98.8 98.8 98.8 97.1 98.3: 96.5' 98.7' 98.8' 98.8: 98.8: 98.8 98.8: 98.8' 98.8' 98.8 98.8 98.8 95.8 96.8 3000 2500 1500 .000 500 ≥ 800 :00 

#### **CEILING VERSUS VISIBILITY**

23236

MCCLELLA - AFS CALIF/SACRAMENTA

40-72

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OSSERVATIONS:

:1**2**00^\_0300

88.0 92.3 92.0 92.7 72.9 97.5 62.9 92.5 92.9 97.9 92.9 92.0 92.0 97.9 97.9 92.9 52.9 50.5 ≥ 4500 ≥ 4000 <u>}</u> \*337 <u>2</u> 500 93.91 98.6. 99.1. 99.2. 99.4. 99.4. 99.4. 99.4. 99.4. 99.4. 99.4. 99.4. 99.4. 99.4. 99.4. 99.4. 94.1. 98.8. 99.2. 99.3. 99.5. 99.5. 99.5. 99.5. 99.5. 99.5. 99.5. 99.5. 99.5. 99.5. 99.5. 77 200 

### CEILING VERSUS VISIBILITY

23208

MCCLELLAN AFB CALIF/SACRAMENTO

40-72

JUL

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY STATILITE MILES

0900-1100

CELING																
FEET	≥ ≎	≥ 6	2 5	≥ 4	≥ 3	≥ ? ·	≥ ;	≥ ;	≥ .	2		2 1		* •	1 .	.*
NO CEILING	0.63	93.7	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	64.4	94.4	94.4	94.4	94.4	94.4
≥ ~∞			96.8													
≥ .8000			97.3													
≥ 4000	91.0	96.8	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5.	97.5
. ≥ .4000	91.5	97.4	98.0	98.1	98.1	98.1	98.1	98.1.	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 12000			98.6													
≥ 3000			99.0													
≥ 9000			99.1													
≥ 8000	,	98.6								99.3						
≥ 7000	92.5		99.2													
≥ 6000 ≥ 5000	92.5									99.3						
		98.7								99.4						
≥ 4500 ≥ 4000	92.6		99.2													
	92.6	99 7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	79.4	99.4	99.4	99.4	99.4	99.4
≥ 3500 ≥ 3000	92.6		99.3													
≥ 2500	92.6		99.3													
≥ 2000	92.9		99.6													
≥ 1800		99.1								99.8						
≥ 1500	93.0	99.3	99.9													
≥ 200	93.0	99.3	99.9	00.0	100.0	100.0	100.0	100.0	00.0	00.01	00.03	00.0	00.0	00.01	00.0	00.0
≥ 1000	93.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	00.0	00.01	00.0	00.0	100.01	00.01	00.0	0.001
≥ 900	93.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	00.0	00.01	00.0	00.0	00.0	00.0	00.0	100.0
≥ 800	93.0	99.3	99.9	00.0	100.0	100.0	100.0	100.G	00.0	100.01	00.0	(00.0)	100.0	00.0	00.0	100.0
≥ 700		99.3	99.9	100.0	100.0	100.0	100.0	100.0	00.00	100.02	00.0	00.6	100.0	00.00	(0.00	100.0
≥ 600	93.0	99.3	99.9	00.0	100.0	100.0	100.0	100.0	00.0	00.01	00.0	00.0	100.0	00.01	00.0	100.0
≥ 500 ≥ 400	93.0	99.3	99.9	00.0	100.0	100.0	100.0	100.0	00.0	00.01	.00.01	00-0	100.0	00.01	.00.0	100.0,
<u> </u>	93.0	99.3	99.9	00.0	100.0	100.0	100.0	100.0	00.0	00.01	00.0	00.0	00.0	00.01	00.0	00.0
≥ 300 ≥ 200	72.0	99.3	99.9	00.0	100.0	100.0	100.0	100.0	00.0	00.0	.00.0	00.0	100.0	00.01	00.0	100.0
	93.0	99.3	99.9	00.0	00.0	00.0	100.0	1.30.0	00.0	00.01	00.0	00.0	00.0	00.01	00.0	90.0
± 100   ≥ 0	1		99.9													
	,,,,,	77.5	99.9	.00.0		100.0	100.0	.00.0	VU • 0	00.04	.UU.U!	00.07	100.0	00.01	.00.01	100.0

### CEILING VERSUS VISIBILITY

23268

MCCLELLA: AFP CALIF/SACRAMENTU

40-72

nor ,

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

. SIBILITY STATUTE MILES

1200-1400

CEILING			_													
FEET	<del></del>	≥ 6	≥ 5	≥ 4	≥ 3	≥ ; .	≥ :	2 -	≥ .	<u>&gt;</u>	24	2 9	٠	≥ 5 •	2 .	2.
NO CEILING	90.2	94.6	95.0	95.1	95.1	95.1	25.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	25.1	95.1
≥ 20000				97.8												
≥ .8000	93.2	97.7	98.1	98.2	98.2	28.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 16000				98.4												
≥ 4000	93.5	98.1	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	96.7	98.7	98.7
≥ 2000	93.9	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0000	94.3	99.0	99.4	99.5	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 9000				99.6												
≥ 8000	94.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 7000	94.5			99.7												
≥ 6000	94.5	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 5000	94.5	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4500	94.5	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 4000	94.5			99.7												
≥ 3500	94.5			99.8												
≥ 3000	94.6	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500	94.6	99.4	99.0	29.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.0	99.9	99.9	99.9	99.9
≥ 3000	94.6	99.4	99.9	100.01	00.0	100.01	00.0	100.00	00.00	100.01	00.0	100.0)	00.0	100.01	100.0	100.0
, ≥ 800	94.6	99.4	99.9	100.01	00.0	100.0	00.0	100.01	00.0	00.01	00.0	100.0	00.0	100.0	100.0	100.0
≥ 1500	94.6			100.01												
≥ 1200	94.6			100.01												
1 ≥ 1000	94.6	99.4	99.9	100.01	00.0	100.00	0.0	100.01	00.0	100.01	00.00	100.0	00.0	100.01	00.0	100.0
≥ 900	94.6	99.4	99.9	100.01	00.0	100.0	00.0	00.0	00.0	100.01	00.0	100.0	00.0	100.0	100.0	100.0
! ≥ 800	94.6			100.01												
≥ ′00′	94.6	99.4	99.9	100.01	00.0	100.0	00.0	100.0	00.0	100.01	00.0	00.0	00.0	100.0	00.0	100.0
≥ 600	94.6	99.4	99.9	100.01	00.0	<u>  [00.0</u>	00.0	100.0	00.0	100.01	00.0	100.0)	00.0	100.0	100.0	100.0
≥ 500	94.6	99.4	90.9	100.07	00.0	100.0	0.00	100.0	00.0	100.01	00.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.6	99.4	99.9	100.01	00.0	100.0	100.0	100.0	00.C	lon.oi	00.0	100.	00.0	100.01	100.0	100.0
≥ 300	94.6	99.4	99.9	100.0	00.0	100.0	00.0	00.0	00.0	100.01	00.0	100.07	100.0	100.0	100.0	100.0
≥ 200	94.6	99.4	99.9	100.01	00.0	loo. o	100.0	100.0	00.0	lon.oh	00.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.6	99.4	99.9	100.0	00.0	100.0	0.00	100.0	00.0	100.01	00.0	100.0	00.0	100.0	00.0	100.0
≥ 0	94.6	99.4	99.9	100.01	00.0	100.0	100.0	100.0	00.0	100.01	00.0	100.0	100.0	100.0	100.0	100.0

#### CEILING VERSUS VISIBILITY

MCCLELLA + AFB CALIF/SACRAMENTU 40-72

JUL

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CERNO							• S'B'	TY STATU	'E M .ES							
FEET	≥ .0	≥ 4	≥ 5	≥ 4	≥ 3	≥ 2 -	≥ ?	≥ ,	≥ .	2	≥ -,	.* S		*5 *	٠.	2
NO CEILING ≥ 20000	93.5							95.3° 98.3								
≥ 8000 ≥ 6000	90.7	95.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5.	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ `4000 ≥ '`000	97.2	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3000 ≥ 2000		99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	59.7	99.7	99.7	99.7	99.7
≥ 8000 ≥ 7000	97.9	99.7		99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 6000 ≥ 5000	97.9 97.9	99.7		99.8	99.9	99.9	99.9	99.9 99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4500 ≥ 4000	97.9		99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 350C ≥ 300C		99.3	99.8	99.9	99.9	99.9	99.9	100.0	100.03	00.01	00.0	00.07	00.0	100.0)	00.01	00.0
≥ 7596 ≥ 2000	98.0	99.8	99.8	99.9	100.0	100.07	00.0	100.0	100.0	00.01	00.0	00.0	00.0	100.01	00.01	00.0
≥ 800 ≥ 1500		99.8	99.8 99.8	99.9	100.0	100.03	00.0	100.0	00.0	60.01	00.0)	00.01	00.0	100.0)	00.01	00.0
≥ 200 ≥ 1000		99.8	99.8	99.9	100.0	100.00	00.0	100.0	100.0	00.01	00.01	00.0	00.0	100.00	00.01	.00.0
≥ 900 ≥ 800		99.8		99.9	100.0	100.0	00.0	100.0	100.01	100.01	00.0	00.0	00.0	100.01	00.01	00.0
≥ 700 ≥ 600	98.0 98.0	99.8	99.8	99.9	100.0	100.0	0.00	100.0	100.0	00.01	00.0	CO.0)	00.0	100.0	00.01	00.0
≥ 500 ≥ 400	98.0 98.0	99.8	99.8	99.9	100.0	00.0	00.0	100.0	100.0	00.01	00.0	00.0	00.0	100.01	00.01	00.0
≥ 300 ≥ 200	98.0 98.0	99.8	99.8	99.9	100.0	00.0	00.0	100.0	100.0	00.01	00.0	00.0	00.0	100.01	.00.01	20.0
≥ 100 ≥ 0	98.0 98.0	99.8	99.8	99.9	100.0	100.0	00.0	100.0	100.0	00.01	00.0	00.0	00.0	100.01	00.0	00.0

#### CEILING VERSUS VISIBILITY

23208

MCCLELLA + AFB CALIF/SACRAMENTO

40-72

JUL

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-5000

CEUNG				•			· S B .	TV \$TAT.	'E ♥ LES		_					
FEET.	≥ '0	≥ 6	≥ 5	≥ 4	≥ 3	≥::	≥;	≥ .	≥'.	≥	2 %	_ •	2	> ' €	٠.	:
NO CEIL NG ≥ 20000													95.6 97.8			
≥ 18000	_			- 1	1								98.2 98.4			_
≥ 14000 ≥ 12000	98.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.0 99.4	99.4	99.4	99.4
> 5000 > 5000	90.8	99.3	99.9	00.0	100-0	100.0	10.0	100.0	100.0	100.0	00.01	00.0	99.9	00.01	00.0	100.0
≥ 8000 ≥ 7000	90.8	99.9	99.9	00.0	100.0	<u>(00.0</u>	100.0	100.0	100.0	lon.ni	00.01	00.0	100.0	00.01	00.01	00-0
≥ 6x06 ≥ 5000	98.8	99.9	99.9	100.0)	100.0	100.0)	(co.o)	100.0	100.0	100.0	00.01	00.0	100.01	00.01	00.0	00.0
, ≥ 4500 ≥ 4000	98.8	99.9	99.9	100.0	100.0	100.0)	10.0	100.0	100.0	00.0	00.01	00.01	100.0	00.0	00.0	00.0
≥ 3500 ≥ 3000	98.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.01	00.0	100.0	00.01	00.0	00.0
≥ 2500 ≥ 2000	98.8	99.9	99.9	100.C	100.0	100.0	10.0	100.0	100.0	100.0	00.01	00.0	100.01 100.01	00.0	00.0	100.0
≥ 1800 ≥ 1500	98.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	100.0	00.0	00.0	100.0
≥ 1000	98.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	00.0	00.01	00.0	00.0	00.0	00.0	100.0
≥ 800	98.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	10.00	00.0	100.0	00.0	00.0	100.0
≥ 600	98.8	99,9	99.9	100.0	100.0	100.C	100.0	100.0	100.0	00.0	100.0	00.0	00.0	00.0	00.0	100.0
≥ 400		99.9	94.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	00.0	00.0	00.0	.00.0	100.0
≥ 300 ≥ 200 ≥ 100	98.8	99.9	99.9	100.0	loc.o	100.0	100.0	100.0	100.0	100.0	100.03	00.0	100.0	00.0	.00.0	100.0
≥ 0	98.8	99.9	99.9	00.0	100.0	100.0	100.0	100.0	100.0	00.0	00.0	00.0	100.0	00.0	00.0	00.0

#### **CEILING VERSUS VISIBILITY**

23208

HCCLELLAN AFE CALIF/SACRAMENTU

41-72

JUL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

51,00-5300

CE LING	- HLL		***************************************				v Si8'.	TV STATU	TE M .ES		_					
£££.	≥ 0	. ≥ ≎	≥ 5	> :	≥ 3	≥:;	≥:	≥'.	≥'.	2	≥ ′•	2 1	2	25.5		٠.
NO CEIUNG ≥ MMY	96.5	97.1	97.1. 98.1.	97.1 98.1	97.1 98.1	97.1	97.1	97.1 98.1	97.1	97.1	97.1	97.1 98.1	97.1	97.1 98.1	97.1 98.1	97.1
≥ '8000 ≥ 6000	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4000 ≥ 2000	98.2	98.6	98.8 99.4	98.8	98.8.	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ ¹0000 ≥ 9000	99.0	99.7	99.7 99.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 8000 ≥ ′200	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 6000 ≥ 5000	99•2 99•2	99.8 99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 4500 ≥ 4000	99.2	99.9	99.9 99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3500 ≥ 3000	99.2	99.9	99.9 99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2500 ≥ 2000	99.3	99.9	99.9 100.0	1 <b>0</b> 0.0)	100.0	100.0	100.0	100.0	100 <b>.0</b> )	100.03	100.0	00.0	100.0	100.0	100.0	100.0
≥ 800 ≥ 1500	99.3	99.9	100.0	100.0	100.0	100.0	ino.ol	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200 ≥ 1000	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	100.0	00.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	99.3	00.0	100.0	100.0	100.0	100.0	100.0	00.0	100.0	100.0	100.0	00.0	100.0	100.0	100.0	100.0
≥ ¹00 ≥ 600	99.3	100.0	00.0	100.0	100.0	100.0	100.0	100.01	100.0	00.0	100.0	00.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	99.3	100.0	100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	log.nl	00.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0)	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	100.0	00.0	100.0	00.0	100.0	100.0

### CEILING VERSUS VISIBILITY

MCCLELLA- AFB CALIF/SACRAMENTO 41-72

AUG

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0200

CE L NG							, c.8 .	TY \$"A"U"	'É M LES							
FEE <b>7</b>	≥ 0	≥ ¢	≥ 5	≥ 4	≥ 3	≥ : -	≥:	≥'.	≥ .	,	≥.	2 .	2	3 ° ^	٠.	2.
NCFCE LING ≥ 20000	94.6	95.1 96.8	95.1	95.1	95.2	95.2 95.8	96.8	95.2	95.2	95.2 96.8	95.2	95.2	95.2	95.2	95.2	95.2 95.8
: ≤000 ≥ 6000	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	94.8	96.8	96.8	90.8	96.8	96.8	95.8
≥ .4000 ≥ .4000	97.1 98.1	97.7	97.7 98.8	97.7° 98.8°	97.8	97.8 98.8	98.8	97.8	97.8	97.8 98.8	97.8 98.8	97.R 98.8	97.8 98.8	97.8	97.8 98.8	97.8 98.8
≥ 0000 ≥ 9000	90.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
2008 ≤	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
. ≥ 6,00 ≥ 5000	98.8	99.4 99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 4500 ≥ 4000	90.9	99.5 99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5.	99.5	99.5
≥ 3500 ≥ 3000	96.3	99.5	99.	99.5	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500 ≥ 2000	99.0	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.0	99.6	99.6	99.6
≥ '800 ≥ '500	99.1	99.6 99.7	99.7	99.7	99.8	99.8	99.8	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	99.3	99.7 99.9	99.9	99.9	00.0	100.0	10.0	100.0	10.00	00.01	00.0	00.0	100-0	00.0	00.0	0.00
; ≥ 900 ≥ 900 	99.3	100.0	100.0	100.0	00.0	Lon.n	100.0	100.0	00.0	00.01	00.0	00.0	00.0	00.01	00.01	00.0
≥ 500	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	00.01	00.0	00.01	(0.00	00.01	00.0	0.00
≥ 500 ≥ 400 ≥ 300	99.3	100.0	100.0	100.0	00.0	Lon.ol	log.ol	100.0	00.0	00.01	00.0	00.0	100.0	.00.0i	00.01	00.0
≥ 200	99.3	100.0	100.0	100.0	100.0	100.0	100.0	LOC.O	00.0	00.01	00.0	(0.00	100.0	00.0	00.0	00.0
≥ 100	99.3	100.0	100.0	00.0	00.0	100.0	100.0	00.0	00.0	00.02	00.0	00.0	00.0	00.0	00.0	00.0

<u> 2970</u> TOTAL NUMBER OF OBSERVATIONS

### CEILING VERSUS VISIBILITY

80565

MCCLELLA' AFB CALIF/SACRAMENTO

40-72

AUG

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CE.NG							. 53.	* \$*A*_	E MILES							
FEE*	≥ ≎	≥ 6	≥ 5	≥ 4	≥ 7	≥::	2.	≥ ,	≥ .		≥'•	≥ '•	3	2 4	2 •	≥ .
NO CE . NG							93.8									
≥ 20000							95.5									
≥ 8000							95.5									
> 1600C	93.0	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 4000							96.5									
≥ 12000							97.9									
≥ 2000	95.7	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 9000	95.9	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 5000	96.0	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.0	98.6	98.6	98.6	98.6	98.6
≥ ייַ000	96.0	98.4	98.5	98.6	98.6	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 6000 .	96.0	98.4	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 5000	90.1	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4500	96.1	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4000							98.7									
≥ 350C							98.7									
≥ 3000	96.1	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	95.7	98.7	98.7	98.7	98.7
≥ 2500							98.9									
≥ 2000							90.9									
≥ '800							96.9									
≥ '500							98.9									
≥ 200	96.5	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	97.0	99.4	99.5	99.6	99.6	99-6	99.6	99.6	99.6	99.6	99.6	99.6	99.4	99.6	99.6	99.4
≥ 900	97.1	99.5	99.7	99.8	99.8	99.8	99.8	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
> 600 ≤	97.2	99.7	99.8	99.9	99.9	99.9	100.01	00.0	00-0	00-0	00.01	00.0	00.0	00-01	00.01	00-0
≥ "00"	97.2	99.7	99.8	99.9	99.9	99.9	100.01	00.0	00.0	00.0	00-0	00-0	00.0	00-03	00.03	00.0
20° ≤ 206 ≤	97.2	99.7	99.8	99.9	99.9	99.9	100.0	00.0	00-0	00-0	00.0	00.0	00.0	00.01	00.01	00-0
≥ 500	97.2	99.7	99.8	99.9	99.9	99.9	100-01	00.0	00-0	00.0	00-01	00-0	00.0	00-01	00.01	00.0
≥ 500 ≥ 400	97.2	99.7	99.8	99.9	99.9	99.9	100.01	00-0	00.0	00.0	00.0	00-0	00.0	00.0	00.01	00.0
> 200	97.2	99.7	99.8	99.0	99.0	99.0	00.01	00.0	00.01	00.0	00.03	00.0	00.0	00-01	00.0	00.0
≥ 300 ≥ 200	97.2	99.7	99.8	99.0	99.0	29.0	100.0	00-0	00-0	00.0	00.0	00.0	00.0	10.00	00.0	00.0
	97.2	99.7	97.8	90.0	99.9	99.9	00-0	00-0	00.03	00 0	00.01	00.0	00.0	00.0	00.01	00.0
≥ 100 ≥ 0	97.3	99.7	00.0	00-0	00-0	00.0	100.0	00-0	00.0	00.0	00.01	00.0	00.0	00.01	00.01	00.0
	7103	7761	/707			.00.01	U. U.	OO O	100+U	00.01	.uu.ui	.UU.01	.VU.U	.00.01	OD. OF	00+Q

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_\_\_\_3032

### CEILING VERSUS VISIBILITY

23208

HCCLELLAN AF3 CALIF/SACRAHENTÚ

40-72

AUÇ

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

V SIBILITY STATUTE MILES

0600-0800

CE UNG																
*56*	≥ ;	≥ ¢	≥ 5	≥ 4	≥ 3	≥ ? -	≥:	≥ .	≥ .	2	٠.٠	2 •	<u>.</u>	35.4	<u>.</u>	≥ .
NO CELNO	84.1	90.9	91.4	91.6	G1 7	91 7	01 7	91 7	91 7	9: 7	01 7	01 7	01 - 4·	91 7	91 7	91 7
≥ 700X		93.5														
≥ 8000		93.7														
5 2000		93.8		-		-	• -	-		-				_		
± 4000	86.7	94.7	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000		96.2														
> 2000		96.5														
≥ 9000		96.5														
≥ 8000		96.9														
≥ "000"		97.0														
≥ 6006		97.2														
> 5000		97.4														
, ≥ 4500 ≥ 4000		97.4														
		97.4 97.5														
≥ 3500 ≥ 3000		97.5		. 1	- 1	;										
≥ 2500		97.6														
1 ≥ 2000		97.6									-			-		
≥ '80C		97.5														
≥ '500	89.5	97.9	98.3	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 200		98.2														
≥ ,000	90.1	98.6	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4.	99.5
≥ 900	90.1	98.7	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800		98.9														
≥ 700		98.9														
≥ 600	90-3	99.0	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.91	.00•0
≥ 500	90.3	99.0	99.5	99.8	99.9	99.9	99.9	100.0	00.0	100.0	100.01	00.0	00.0	00.01	00.01	00.0
≥ 400	90.3	99.0	99.5	99.8	99.9	99.9	99.9	100.01	00.0	100.0	100.01	00.0	00.0	00.01	00.01	00.0
≥ 300	70.3	99.0	77.5	34.8	77.7	32.3	99.9	100.0	00.0	100.0	100.01	00.0	00.0	00.01	.00.01	00.0
<b>—</b>	90.3	99.0	77.5	77.8	99.9	77.7	79.9	100-0	00.0	100.0	100.01	00.0	00.0	00.01	00.01	00.0
≥ 100 ≥ 0	90.3	99.0	77.7	99.0	20.0	90.0	99.9	100.0	00.0	100.0	100.01	00.01	00.0	00.01	00.01	00.0
	70.5	99.0	3300	7.7.00	77.7	7747	77.7	100.01	.00.0	100.01	100.01	.00.01	00.01	.00.01	.00.01	00.0

### CEILING VERSUS VISIBILITY

MCCLELLAN AFB CALIF/SACRAMENTO 40-72

AUG

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<i>a.</i>							· \$ B .	** S*A*U	'E w .ES							
CELNG FEET	≥ '≎	≥ ¢	≥ 5	≥ 4	≥ 3	≥:::	≥:	2 ;	≥ .	≥	 ≥`•	2 .	2	> .	2 ·	·
NO CE LING										92.1 9		-				_
≥ 20000										95.3 9					<del></del>	AND DESCRIPTION OF
≥ 8000		_			_	• -				95.5 9		-	-			
≥ ~000										95.6 9						
≥ 4000										96.5 9						
≥ 2000										98.0 9						
≥ 0000										9.49						
≥ 9000										23.4 9						
. ≥ 8000										98.5 9						
≥ *000										98.7 9						
≥ 6000										98.8'9						
. ≥ 5000										98.8 9						
≥ 4500										98.8:9						
≥ 4000										98.8 9						
≥ 3500	88.8	98.2	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9; 9	8.9	98.9	98.9	98.9	98.9	98.9
_ ≥ 3000										99.1 9						
≥ 2500	89.2	98.6	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3 9	9.3	99.3	99.3	99.3	99.3	99.3
. ⋝ 5000	89.5	98.8	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6: 9	9.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	89.6	98.9	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7 9	9.7	99.7	99.7	99.7	99.7	99.7
≥ '500	89.8	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9 9	9.9	99.0	99.9	99.9	99.9	99.9
, ≥ 200										00.010						
,000. ₹	89.9	99.2	99.8	99.91	00.0	100.0	100.0	100.0	100.00	00.010	0.0	00.01	00.0	00.0	00.01	00.0
≥ 900	89.9	99.2	99.8	99.9	00.0	100.0	100.01	00.0	100.0	00.010	0.0	00.01	00.0	00.0	.00.01	00.0
2 900 ≥ 200	89.9	99.2	99.8	99.91	00.0	100.0	100.01	100.U	100.03	00.010	0.0	00.01	00.01	00.0	00.01	00.0
≥ 700										00.010						
≥ 700 ≥ 600	89.9	99.2	99.8	99.91	00.0	100.0	120.0	100.0	100.0	00.010	0.0	00.0	00.0	00.0	00.01	00.0
. ≥ 500	89.9	99.2	99.8	99.9	00+0	100.0	100.0	00.0	100.0	00.010	0.0)	00.0	00.0	00.0	00.01	00.0
l ≥ 500 ≥ 400	89.9	99.2	99.8	99.9	00.0	100.0)	100.0	100.0	100 <b>.0</b> 1	00.010	0.0	00.0	00.0	00.0	00.01	00.0
≥ 300										00.010						
≥ 200										00.010						
≥ 100										00.010						
2 7	89.9	99.2	99.8	99.9	00.0	100.0	100.0	100.0	100.0	00.010	0.0	.00.0	00.0	00.0	100.01	00.0
		·														

### CEILING VERSUS VISIBILITY

23208

MCCLELLA: AFB CALIF/SACRAMENTL

40-72

AUG

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

							. 58.	5"A",	F W LES							
CE L NG				<del></del>							7		÷			*
••	≥ :	<b>≥</b> ¢	≥ 5	≥ 4	≥ 3	3 . ⋅	≥:	2 :	≥ .	2	<i>-</i> .	<b>≠</b> •	· ,	• •	· .	ż.
40 CE . 40	80.3	92.3	92.5	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1000.	90.0	96.2	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97 <u>.1</u>	<u>97.1</u>
≥ 8000	90.2	96.3	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 6000	90.	96.4:	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.7	97.3	97.3	91.3	97.3
≥ 4000	90.d	97.0	97.2	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	9/•9
≥ 2000	91.5	97.8	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	70.7	98.7	98.7	98.7	<del>98.</del> (-	90.1
≥ 0000	92.0	98.2:	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	44.1
≥ >000	92.0	98.2.	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	33.1	99.1	99.1	97.1	77.1
≥ 5000	92+1	98.4	98.9	99.2	99.3	99.3	99.3	99.3		74.3	77.3	77.2	77.3	97.3	97.3	77.3
≥ 7000	92.2	98.4	98.9	99.2	99.3	99.3	99.4	99.3	99.3	99.3	99.3	99.4	99.5	99 6	99.4	99.4
≥ 6000 ≥ 5000	92.2	98.0	99.0.	99.3	00 5	97.4.	99.5	97.4	77.4.	97.4	77.4	97.4	99.5	99.5	99.5	99.5
	92.3	98.0	99.1	77.4	99.5	37.5	99.5	97.5	99.5	99 5	99 5	00.5	99.5	99.5	99.5	99-5
≥ 4500 ≥ 4000	22 3	70.0	77.1	99.4	37.5	97.5	99.5	97.5	99.5	90.5	99.5	99.5	99.5	99.5	99.5	99.5
	92.3	90.0	97.1	99.5	99.4	99.6	79.6	99.6	99-6	99.6	99.6	99.6	29.6	90.6	99.6.	99.6
≥ 3500 ≥ 3000	93.6	90.0	99.3:	99.7	99 a	99.8	99.8	99.8	99.8	99.8	99.3	99.9	99.8	99.8	99.8	99.8
	92.7	99.0	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 7500 ≥ 2000	92.7	99.0	99.5	99.9	100.0	100.0	100.0	100.0	100.0	00.0	100.0	00.0	00.01	co.01	00.01	00.0
≥ 806	37.7	57.0	99.5	99.9	100.0	100.0	100.0	100.0	100.0	00.0	100.0	00.0	100.01	00.01	00.01	00.0
≥ 800 ≥ 1400	92.8	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	0.00	100.0	00.0	100.01	00.01	00.01	00.0
> 700	92.8	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.01	[0.00]	00.01	00.01	100.0
. ≥ .000	92.8	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	00.0	100.0	00.0	100.01	00.01	00.01	.00.0
≥ 900	92.8	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.0	100.0	00.01	00.01	.00•0,
≥ 900 ≥ 600							100.0									
≥ 700							100.0									
≥ 500	92.8	99.1	99.5	99.9	100.0	100.0	100.0	00.0	100.0	100.0	100.0	00.0	100.0	00.01	00.01	00.0
≥ 500 ≥ 400	92.8	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100+0	100.0	100.0	00.0	100.0	00.01	00.01	00.0
≥ 400	92.8	9 .1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	100.01	00.01	00.01	00.0
≥ 300 ≥ 200	92.8	99.1	99.5	99.9	100.0	100.0	100.0	100.0	r00-0	100.0	100.0	100.0	100.0	10.00	00.0	.00.0
≥ 200	92.8	99.1	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100-0	100.0	100.0	00.01	00.01	00.0
≥ ,00							100.0									
≥ 0	92.8	99.1	99.5	99.9	r00.0	100.0	100.0	100.0	100-0	100.0	100-0	100.0	100.01	10.00	00.01	.00+0

#### CEILING VERSUS VISIBILITY

23208

MCCLELLA . AFB CALIF/SACRAMENTO

49-72

AUC

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CE . NO NO CE . NO > 2333. 93.5: 97.2: 97.3: 97.4: 9 4,77 ≥ 4000 ≥ 2000 8000 6000 95.8| 99.6| 99.7| 99.8| 99.9| 99.9| 99.9| 99.9| 99.9| 99.9| 99.9| 99.9| 99.9| 99.9| 99.9| 99.9| 99.9| 4500 4000 3500 3333 800 1500 

#### CEILING VERSUS VISIBILITY

23208

MCCLELLA' AFB CALIF/SACRAMENTU

40-72

AUG 1800-2000

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

4 S B L TV STATL TE MILES

CE . NO tft. NO CELINO 2 (2000) -000 98.0 98.0 4000 2000 XX 97.3: 99.5: 99.5: 99.6: 99.6: 99.6: 99.6: 99.6: 99.6: 99.6: 99.6: 99.6: 99.6: 99.6: 97.5; 99.7; 99.7; 99.7; 99.7; 99.7; 99.7; 99.7; 99.7; 99.7; 99.7; 99.7; 99.7; 99.7; 8000 7000 97.5: 99.7: 99.7: 99.7: 99.7: 99.7: 99.7: 99.7: 99.7: 99.7: 99.7: 99.7: 99.7: 99.7: 99.7: 97.6 99.9 99.9 99.9 100.0 100. ≥ ≥ <u>≥</u> 300 200 100 

#### **CEILING VERSUS VISIBILITY**

2320E MCC

MCCLELLAN AFR CALIF/SACRAHENTO

41-72

700

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CELNO NO CEL NO \*00 ≥ 4000 ≥ 2000 ≥ 0000 ≥ 9000 2 8000 ≥ "000° ≥ 6000 ≥ 5000 ≥ 4530 > 4000 ≥ 3500 3000 99.2' 99.9' 99.9' 99.9' 99.9' 99.9' 99.9' 99.9' 99.9' 99.9' 99.9' 99.9' 99.9' 99.9' 99.9' 99.9' 99.9' ≥ 2500 2000 ≥ .270 .00 800 0.0010.0010.0010.0010.0010.0010.0010.0010.0010.0010.0010.0010.0010.0010.00 

#### **CEILING VERSUS VISIBILITY**

23238

ACCLELLA AF - CALIF/SACRAPENTE

41-72

5EP 2000-0200

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS

7.7 95.3 98.0 96.2 98.4 96.4 96.4 98.4 96.4 96.4 96.4 98.4 98.4 98.4 98.4 98.4 98.4 5000 ^ ≥ 3000 50 90.2' 98.9' 99.1' 99.3' 99.3' 99.3' 99.3' 99.3' <u>79.3' 99.3' 99.3' 99.3' 99.3' 99.3' 99.3' 99.3' 99.3' 99.3' 99.3</u> 96•4; 99•2; 99•4; <del>9</del>5•<u>7; 99•7; 99•7; 99•7; 99•7, 99•</u> <u>></u> <u>≥</u> 500 

### CEILING VERSUS VISIBILITY

23208

HCCLELLAN AFB CALIF/SACRAHENTU 40-72

SEP

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

. ABUTY STATUTE MILES

Section	CE, NO .																
88.2 93.3 93.8 93.9 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94	FEE*	≥ '	≥e	≥ :	≥ 4	≥ 3		≥ :	2	<b>2</b> .	2	2.		<u>:</u>	2 5 1	•	: -
88.2 93.3 93.8 93.9 94.0 94.0 94.0 94.0 94.0 94.0 94.0 94	NO SEUING	37.1	92.1	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.A	92.8	92.9	92.8	92.8
Second   S	\$ 10000																
88.5 93.5 94.1 94.2 94.2 94.2 94.2 94.2 94.2 94.2 94.2	> 8000																
89.0 94.1 94.7 94.8 94.9 94.9 94.9 94.9 94.9 94.9 94.9																	
2 0000 91.1 96.2 96.8 96.9 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97	> '4000	89.0	94.1	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	≥ 2000	90.5	95.6	90.2	96.3	96.4	96.4	96.4	96.4	90.4.	96.4	96.4	96.4	96.4	96.4	96.4	96.4
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	> 2000																
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	≥ 9000																
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$																	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	: ≥ '200																
2 4500 91.4 96.7 97.2 97.4 97.4 97.4 97.4 97.4 97.4 97.4 97.4																	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	≥ 5000	91.3	96.6	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		91.4	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	≥ 4000	91.4	96.7	97.3	97.4	97.5	97.5	77.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	<del>97.5</del> .	97.5
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		91.5	96.8	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	≥ 300	9:.6	96.9	97.5	97.7	97.8	97.8	97.8	97.3	97.8	97.8	97.8	97.8	77.8	97.8	97.8	97.8
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$																	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$																	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		91.0	97.6	97.8	98.0	70.1	30.1	78.1	98.1	78.1	70.1	78.1	70.1	70.1	70 - 1	70 1	70 - 1:
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		91.9	97.3	91.7	28.1	98.2	70.2	98.2	70.6	98.2	98.6	90.4	90.2	98.3	90 4	99 6	38.4
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		72.1	00 1	70.1	79.3	20.4	90.4	78.4	70.4	70.4	70.4	70.4	70 · 4	20.4	90 0	90.7	99.4
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$		92.3	90.1	99.0	90.9	99 4	99 4	99.4	99.4	99.4	97.4	99 4	90.4	00.4	99.4	99.4	99.4
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		92.9	98.5	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	> 700	92.9	98.5	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	> 500																
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$																	
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	> 300																
$    \ge     0                             $	≥ 100	93.0	98.7	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
		93.0	98.7	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.4	99.9	100.0	100.0	100.0	100.0

### CEILING VERSUS VISIBILITY

23208

MCCLELLAN AFE CALIF/SACRAHENTO

40-72

SEP

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

Section   Sect	CEUNG							• S 8 .	TV 5"ATU"	. v 188							
2 0000 70.9 85.9 89.0 90.4 91.7 91.7 91.9 92.0 92.0 92.0 92.0 92.0 92.1 97.1 92.1 92.1 92.1 2.1 92.1 2.2 92.3 92.3 92.3 92.3 92.3 92.3 92.3	efft	≥ 0	≥ ¢	≥ 5	24	23	≥:-	≥:	2	≥ .	2	2 %	2 •	2	25.7	2 .	• •
71.2 80.1 89.2 90.7 92.0 92.0 92.0 92.3 92.3 92.3 92.3 92.3 92.4 92.4 92.4 92.4 92.4 92.4 92.5 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6										-							
71.3 86.3 89.4 90.9 92.1 92.2 92.4 92.4 92.4 92.4 92.5 92.5 92.6 92.6 92.6 92.6 92.6 92.6 92.6 92.6			i										****				
2 4000 72.3 87.4 90.5 92.0 93.3 93.3 93.0 93.6 93.6 97.6 93.7 93.7 93.7 93.7 93.7 93.7 93.8 2 2000 73.6 89.0 92.1 93.6 94.9 94.9 94.9 95.2 95.2 95.2 95.2 95.3 95.3 95.3 95.3 95.3 95.3 95.3 95.3							-							-			
73.0																+	
2 0000		;	- 1	- 1		-					-			_			
74.5 90.0 93.1 94.6 95.8 95.9 96.2 96.2 96.2 96.2 96.3 96.3 96.3 96.3 96.3 96.4 96.6 96.6 96.6 96.6 96.6 96.6 96.6																	
2 5000 74.7 90.2 93.3 94.8 96.1 96.2 96.4 96.4 96.4 96.4 96.5 96.5 96.6 96.6 96.6 96.6 96.6 96.6																	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	≥ 8000																
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		, į				- ,	(										
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	≥ 6000	75.0	20.5	93.6	95.1	96.4	96.4	c0.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.9
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	≥ √23∪	75.3	90.9	94.0	95.4	96.7	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$																	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	≥ 4000																
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$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	> 500																
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		76.8	92.9	96.0	97.7	99.1	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.9
$\geq$ 100 76.8 92.9 96.0 97.7 99.1 99.2 99.5 99.6 99.7 99.7 99.7 99.8 99.8 99.8 99.8 100.0	≥ 300																
	≥ 200	76.8	92.9	96.0	97.7	99.1	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	00.0
$    \ge                                  $	≥ 100																
	≥ 0	76.8	92.9	90.0	97.7	99.1	99.2	79.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	00.0

### CEILING VFRSUS VISIBILITY

23208

MCCLELLA AF3 CALIF/SACRAMENTU

40-72

SEP

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CELNG				V S BIL TY STATU	5 W .E5						
5, ₹	≥6 ≥5	≥: ≥3	≥ ; ·	≥; ≥.	≥ .	2 >.	· · ·	•	·· ·	٠.	٠.
NO CE.NG 70.0) 8 ≥ 3000 72.9 8	5.1 88.1	89.3 90.1 92.9 93.8	90.2 9	0.3 90.3	90.3	90.4 20.4	90.4	90.4	90.4	90.4	90.4
2 9000 73.018	8.5 91.9	93.1 93.9 93.4 94.3	94.00	4.2 94.2	94.2	94.3 94.3	94.3	94.3	94.3	94.3	94.3
≥ 4,00 73.9 8	9.8 93.0	94.1 95.0 94.9 95.8	95.1 9	5.2 95.3	95.3	95.4 95.4	95.4	95.4	95.4	95.4	95.4
≥ ∞ 75.3 9	1.4 94.5	95.7 96.5 95.9 96.7	96.6 9	6.8 96.8	96.8	96.9 96.9	96.9	96.9	96.9	96.9	96.9
≥ 8000 75.6 9	1.7: 94.8	96.0 96.8 96.0 96.9	97.0 9	7.1 97.1	97.1	97.2 97.2	97.2	97.2	97.2	97.2	97.2
≥ 6000 , 75.7 9	1.8 95.0	96.1 97.0 96.3 97.2	97.1 9	7.3 97.3	97.3	97.4 97.4	97.4	97.4	97.4	67.4	97.4
$\geq 4500 + 76 \cdot 1 = 9$	2.2 95.4	96.6 97.5 96.8 97.7	97.6 9	7.7: 97.7:	97.7	97.8 97.8	97.8	97.8	97.8	77.8	97.8
≥ 3500 ' 76 • 4 9	2.5 95.7	96.9 97.8 97.2 98.1	97.9 9	8.1 98.1	98.1.	98.2 98.2	98.2	98.2	90.2	98.2	98.2.
≥ 2500 76.9 9	3.0 95.1	97.3 98.2 97.6 98.5	98.3 9	8.5 98.5	98.5	98.6, 98.6	98.6	98.6	98.6	78.6	98.6
≥ 800 77.1, 9	3.3 96.4	97.6 98.5 97.7 98.6	98.6 9	8.8 98.8	98.8	98.9 98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200 77.4 9	3.7 96.8	98.1 99.0 98.1 99.0	99.1 9	9.3 99.3	99.3	99.4 99.4	99.4	99.4	99.4	99.4	99.4
≥ 900 77.4 9	3.8 97.0	98.2 99.1 98.2 99.2	99.3 9	9.4 99.5	99.5	99.6 99.6	99.6	99.6	99.6	99.6	99.6
≥ 700   77.5   9	3.9 97.1	98.3 99.2 98.3 99.3	99.4 9	9.6 99.6	99.6	99.7 99.1	99.7	99.7	99.7	99.7	99.7
≥ 500 77.5 9	3.9 97.1	98.3 99.3 98.3 99.3	99.5 9	9.7 99.7	99.8	99.9 99.9	99.9	99.9	99.9	99.9	99.9
≥ 300 77.5 9	3.9 97.1	98.3 99.3 98.3 99.3	97.5 9	9.7 99.7	99.81	00.0100.0	100.01	00.0	00.01	00.01	00.0
≥ 100 77.5 9	3.9 97.1	98.3 99.3 98.3 99.3	99.5 9	9.7 99.7	99.81	00.0100.0	100.01	00.01	00.01	00.01	00.0

### CEILING VERSUS VISIBILITY

23209

MCCLELLA - AFO CALIF/SACRAHENTO

40-72

SEP

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

SIBIL TY STATUTE MILES

1200-1400

Ot √ NG													_			
téé.	≥ '^	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥:	≥ ,	2 .	≥		<i>2</i> ,	2			2
NO CEIL NO	73.6	n6 . C	88.0	88.7	83.1	69 3	39.4	80 4	2 4	30 4	80 4	A 0R	89.4		89.4	89.4
≥ 100x				-		-	93.9									
≥ 8000							94.2									
≥ ~000	_	-			-		94.5		-							
≥ 4000	70.5	71.6	93.7	94.4	94.8	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2000	79.3	92.4	94.5	95.3	95.7	95.9	96.0	96.0.	90.0	96.1	90.1	96.1	96.1	96.1	96.1	96.1
. ≥ 0000	80.0	93.2	95.2	96.0	96.5	96.7	96.8	96.8	90.8	94.8	96.8	96.8	96.8	96.9	96.8	96.8
. ≥ 9000							97.1.									
≥ 8000	1 1	,			,		97.3	-		_						
2 7000							97.4									
≥ 6000							97.6									
≥ 5000							97.9									
· ≥ -500 ≥ -4000							98.0									
							98.5									
≥ 3500 ≥ 3000	1						98.8									
·							99.2									
; ≥ 2500 ≥ 2000							99.4									
							99.4									
≥ '800 ≥ '500							99.7									
≥ ,200							99.7									
≥ '000	82.7						99.8									
≥ 900	82.7	96.2	98.2	99.0	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	82.7	96.2	98.3	99.1	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	82.7	96.2	98.3	99.1			99.9									- 1
≥ 600	82.7			99.1		99.8				100.0						
≥ 500		96.2		99.1			99.9									
≥ 400							99.9									
≥ 300	1						99.9	1								
≥ 200	82.7						99.9									
≥ 100	82.7			1	- 1		99.9									
≥ 0	82.7	70.2	78.3	77.1	77.6	77.8	99.9	100.0	LUU•0;	100.0	100.0	100.0	100.0	100.0	100.0	100.0

#### CEILING VERSUS VISIBILITY

80265

MCCLELLA: AFB CALIF/SACRAMENTO

40-72

SEP

1500-1700

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

LICEL TY STAT TERM SE

CELNO FEET ≥ : ' ≥ 6 5000 84.2 93.9 95.3 95.7 95.9 95.9 95.9 95.9 95.9 96.0 96.0 96.0 96.0 96.0 96.0 96.0 2000 0000 9000 ≥ 8000 "2000 4000 3500 > 2000 200 87.8 97.8 99.3 99.7 99.9 99.9 100.0 300 100 87.8 97.8 99.3 99.7 99.9 99.9 100.0

### CEILING VERSUS VISIBILITY

23208

(

MCCLELLA ! AFR CALIF/SACRAHENTO 40-72

SEP

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

+ \$ 8 L TH STATUTE WILES

Œ.,								·		<del>-</del>							
£Ę:	ŧ.	≥ :	≥≎	≥ 5	≥ 4	≥ 3	≥	۷.	<b>≩</b>	≥ .	2	·	2 •	2	2 2 .	<b>?</b> .	
'NO 05	. NS	84.7	90.0	91.4	91.9	92.0	92.0	92.0	92.0	92.0	92.0	32.0	92.0	92.0	92.0	92.0	92.0
≥	ΣΥC	87.2	93.7	94.4	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 9	ione	87.3	93.9	94.6	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ .		87.4	94.0	94.7	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4	4000	80.4	95.0	95.7	96.1	96.3	96.3	06.3	95.3	96.3	96.3	96.3	96.3	96.3	96.3	95.3	96.3
جَ جَ											97.2						
2 :	700C	90.0	25.7	97.4	97.9	98.0	93.7	08.0	98.0	98.0.	98.C	98.0	98.0	98.0	98.0	98.0	98.1
_ ≥ 9	2000	90.2	96.9	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.7	98.2	98.2	98.2	98.2	98.2	98.3
≥ 5											98.7						
_ ≥ '	*xxx	90.8	97.6	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	95.9	98.9	98.9	99.0
≥ :		91.0	97.9	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.?	99.2	99.2	99.2	99.2
2 5	500C										99.3						
≥ 4											99.3						
≥ 4	:000										99.4						
≥ :											99.6						
≥ :	3000										99.9						
≥ :											99.9						
_ ≥ 3	700C	91.6	98.5	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	97.9	99.9	99.9
	800°										99.9						
≥	50e										99.9						
<u> </u>											99.9						
; <u>≥</u> '	JUL ;										99.9						
	906	91.7	98.0	99.4	99.8	100.0	100.0	100.0	100.0	100.0	00.0	00.0	100.0	100.01	00.01	00.0	00.0
. ≥		91.7	98.0	99.4	99.8	100.0	100.0	10.01	100.0	100.0	100.0	00.0	100-0	100.01	00.01	00.0	00.0
	70C .	91.7	98.0	99.4	99.8	100.0	100.0	100.0	00.0	100.0	00.0	00.0	00.0	100.01	60.0	00.0	00.0,
, <u>-</u>	DA.	91.7	98.0	99.4	99.8	100.0	100.0	100.0	100-0	100.0	100.0	00.0	100-0	100.01	00.01	00.01	00.0
	500 400	71.7	70.0	77.4	77.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	100.0	100.0	00.0	00.0	100.0
	400	91.7	90.0	99.4	99.0	100.0	100.0	100-0	100-0	100.0	100.0	00.0	100.0	100.0	00.0	00.0	00.0
	300	71.7	70.0	77.4	77.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0	100.0	100.0	00.0	00.0	100.0
<b>—</b>	200	710/	70.0	77.4	77.0	100.0	100-0	100.0	100.0	100.0	100.0	00.0	100.0	100.0	00.0	00.0	00.0
≥ ≥	00	71.1	70.0	77.4	77.0	100.0	100.0	100.0	100.0	100.0	00.0	100.0	100.0	100.0	00.01	00.0	00.0
	•	71.1	70.0	77.4	77.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100+0	00.0	00.0	100.0

### CEILING VERSUS VISIBILITY

MCCLELLA' AFR CALIF/SACRAMENTU 41-72

5EP

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100<u>-2</u>300

18. NG							. 58.	TY STATU	*E v .ES							
FEE.	≥ .	≥ .	≥ 5	≥ 4	≥ 3	≥:-	≥:	2	≥ .	<u>.</u>	<b>-</b>	<u>.</u> * •	;		*	* -
NO CELNO										94.8						
2 79700	91.6	95.7	95.9	95.1	96.2	96,2	06.3	96.3	96.3	96.3	26.3	96.3	96.3	96.3	96.3	90.3
≥ 8000										96.3						
≥ 5000										46.4						
≥ 40%										97.1						
≥ 2000	93.2	97.4	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
2 2000	93.6:	97.7	97.9	98.1	98.2	98.2	98.3	98.3	98.3	91.3	93.3	93.3	98.3	98.3	98.3	98.3
≥ 90%	93.6	97.8	98.0	98.2	96.3	98.3	98 - 3	98.3	90.3	98.3	98.3	92.3	98.3	95.3	98.3	98.3
≥ 8000	94.1	98.2	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 7000	94.2	98.4	93.0	98.8	98.9	98.9	98.9	98.9	98.9	98.0	98.9	98.9	98.9	98.9	98.9	98.9
≥ 5000	94.4	93.6	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 5000	94.6	98.7	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3.	99.3	99.3	99.3
≥ 4500	94.6	98.7	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
' ≥ 4000	94.7	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3500	94.8	98,9	99.1	99.3	99.4	99.4	79.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 3000	94.9	99.1!	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3500	95.0	99.1	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99,7	99.7	99.7	99.7	99.7
≥ 2000	95.0	99.2	99.4	99.6	99.7	99.7	94.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8.	99.3	99.8
≥ 800										99.8						
≥ 1500	95.0	99.2	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	59.8	99.8	99.8
≥ 200	95.0	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.5	99.8	99.8	99.8
5 ,000	95.1	99.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9.	99.9	99.9	99.9	99.9	99.9	99.9
, ≥ 900	95.1	99.3	99.5	99.7	99.9	99.9	79.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	95.1	99.3	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.91	99.9	99.9
≥ 700	95.1	99.3	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
'≥ 600	95.2	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	00.0	loo.ni	100.01	(00.0	00.0	100.0
. ≥ 500	95.2	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.01	00.01	00.01	100.01	00.0	00.0	100.0
≥ 500 ≥ 400	95.2	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	lon.oi	00.0	100.0	100.0	100.01	00.0	100.0
≥ 300	95.2	99.4	99.6	99.8	99.9	99.9	100.0	100.01	100.0	100.0	00.0	10.0	100.0	00.0	100.0	100.0
≥ 200	95.2	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	00.0	00.0	100.0	00.01	00.0	100.0
≥ 100	95.2	59.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.01	00.0	00.0	100.0	00.0	100.0	100.0
≥ 0	95.2	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	00.0	00.0	00.0	100.0	00.0	00.0	100.0
		· · ·														

### CEILING VERSUS VISIBILITY

23208

HCCLELLA AFB CALIF/SACRAMENTJ

41-72

.01

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

**JOUQ-0**500

Œ.50 .	<u></u>						. 55.	'v \$'A'.'	t V .ES				_			_
.ťť	<b>4</b>	<b>2</b> ^	2.5	≥ 2	≥ 3	≥:•	≥ :	≥ •	٤.	2	٠.	·	*	<i>:</i> •	*	
NO 08 / NO ≥ 2000										85.7						
≥ 5000	72.9	94.1	85.2	86.4	87.3	87.5	87.5	87.6	87.6	87.4 87.7	87.7	87.7	87.8	87.8	87.9	88.0
										88.0						
≥ 4000 ≥ 2000										89.7						
5 <b>600</b> 0 5 0000	75.a	87.4	88.7	89.9	90.8	91.0	91.6	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.4	91.5
≥ 8000										92.1						
≥ "000	77.4	89.5	90.6	91.9	93.0	93.1	93.2	93.2	93.2	93.3	93.4	93.4	93.4	93.5	93.6	93.7
≥ 5000 ≥ 5000										94.2						
≥ 4500 ≥ 4000	78.8	91.3	92.4	93.7	94.8	95.0	95.1	95.1	95.1	95.2 95.9	95.2	95.2	95.3	95.3	95.4	95.6
≥ 3500	79.7	92.4	93.6	95.0	96.0	96.2	96.3	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.7	96.8
										96.9						
≥ 2500 ≥ 2000										97.5						
≥ 800 . ≥ 500	80.3	93.2	94.5	95.9	97.1	97.3	97.4	97.4	97.4	97.5 97.8	97.6	97.6	97.6	97.7	97.8	97.9
≥ 300	80.7	93.4	94.9	96.3	97.5	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.Z	98.4
> .000	80.8	93.9	95.2	96.6	97.9	98.2	98.3	78.3	98.3	98.4	98.5	98.5	98.5	98.6	98.7	93.8
≥ 900 ≥ 800	80.9	93.9 94.0	95.3	96.5	98.0 98.1	98.3	98.4 98.5	98.4	98.4	99.5 98.7	98.6 98.7	98.4	98.6 98.8	98.7 98.8	98.8 98.9	98.9
≥ 700 ≥ 600	80.9	94.Q	95.4	96.9	98.2	98.5	98.6	98.6	98.6	98.7	98.8	98.8	98.8	98.9	99.0	99.1
≥ 500 ≥ 400	80.9	94.1	95.4	97.1	98.5	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.3	99.4
≥ 300										99.2						
≥ 200	80.9	94.1	95.6	97.1	98.5	98.8	99.0	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.5	99.7
≥ 100 ≥ 0	80.9	94.1	95.6	97.1	98.5	98.8	99.0	99.1	99.1	99.3	99.4	99.4	9.9 . 4	99.5	99.6	99.8

### CEILING VERSUS VISIBILITY

23208

MCCLELLA" AFE CALIF/SACRAHENTU

40-72

JC T

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

+ S B L TY STATUTE MILES

<u> 0300-050</u>0

CE. NO _														_	-	
*EE*	≥ ?	ہ ≤	≥ 5	≥ :	≥ 3	≥:-	≥ :	£ '	2 .	2	2 %	2.		,, ,	: •	2.0
NO CEL NO	5.66	79.5	81.4	82.7	83.7	83.8	94.7	84.3	84.3	84.4	84.2	84.5	34.6	84.5	84.7	85.0
≥ 10000	69.6	81.0	82.9	84.4	85.4	85.5	A5.9	86.0	80.0	86.1	86.2	30.2	86.3	86.3	86.4	86.7
≥ 800%										86.3						
≥ 5000										86.4						
≥ 4000										87.1						
≥ 2000										88.5						
> 2000	72.4									89.7						
≥ 2000	72.5									89.8						
≥ €300	72.8	85.0	87.0	88.5	89.6	89.7	90.1	90.2	90.Z	90.3	90.4	90.4	90.5	90.5	90.0	90.9
≥ 7000	73.6	85.9	87.8	89.3	90.4	90.6	91.0	91.0	91.1	91.2	91.3	91.3	91.4	91.4	91.5	91.8
≥ 6000	74.1	86.4	88.4	89.9	91.0	91.2	91.6	91.6	91.7	91.8	91.9	91.9	92.0	92.0	92.1	92.4
≥ 5000										93.0						
≥ :500	75.3	87.9	89.8	91.4	92.5	92.8	93.2	93.2	93.3	93.4	93.5	93.5	93.5	93.5	93.7	94.0
≥ 4000										93.8						
≥ 3500	76.0	88.5	90.8	92.3	93.5	93.7	94.1	94.1	94.2	94.3	94.4	94.4	94.5	94.5	94.0	94.9
≥ 3000										94.8						
≥ 2500	76.7	89.6	91.7	93.2	94.4	94.6	95.1	95.1	95.1	95.3	95.3	95.3	95.4	95.4	95.6	95.9
≥ 2000	77.0	90.2	92.2	93.8	95.Q	95.3	95.7	95.8	95.8	95.9	96.0	96.0	96.1	96.1	96.2	96.5
. ≥ 800	77.Z	90.4	92.4	94.0	95.2	95.4	95.9	95.9	96. q	96.1	96.2	96.2	96.3	96.3	96.4	96.7
≥ '500'	77.3	90.5	92.5	94.1	95.3	95.6	96.0	96.1	96.1	96.2	96.3	96.3	96.4	96.4	96.5	96.8
≥ '200	77.4	90.7	92.7	94.3	95.8	95.8	96.3	96.4	96.4	96.5	96.6	96.6	96.7	96.7	96.8	97.1
≥ ,000 ;	77.6	91.1	93.Z	94.8	96.1	96.3	96.9	96.9	96.9	97.1	97.1	97.1	97.2	97.2	97.4	97.7
. ≥ 900	77.8	91.3	93.3	95.0	96.3	96.6	97.1	97.1	97.Z	97.3	97.4	97.4	97.5	97.5	97.6	97.9
≥ 800	77.9	91.3	93.5	95.2	96.5	96.8	97.4	97.4	97.4	97.6	97.6	97.6	97.7	97.7	97.8	98.1
≥ 700 ≥ 500	11.03	71.4	93.7	95.4	96.8	97.0	97.6	97.6	97.7	97.8	97.8	97.8	97.9	97.9	98.1	98.4
. ≥ 500	78 · U	91.4	93.6	95.6	30.3	91.3	97.8	97.8	97.9	98.0	98.1	98.1	98 . Z	98.2	98.3	98.6
≥ 500	70.4	31.4	73.7	75.0	97.0	97.3	27.3	97.9	31.9	98.1	98.4	39.2	98.3	98.3	98.5	98.8
= ===										98.2						
≥ 300										98.4						
	78.0	31.0	74.U	93.1	7(01)	97 5	75.0	70.2	70.5	98.6	70.0	70.0	70.0	70.0	77.1	77.5
≥ 100										98.6						
-	10+U	7100	74.0	7701	710 L	7/43	73.1	70.3	70.5	98.6	73.1	70.1	70.4	70.7	77.2	100.0

### CEILING VERSUS VISIBILITY

23208

MCCLELLA : AFR CALIF/SACRAHENTO

40-72

JC Ţ

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0660-0800

08 k NG							. 53.	TV 5"A","	t 4 'f?							
£65.	≥ ;	≥ e	2 5	≥ 4	≥ 3	≥:-	3:	≥	\$ .	≥	<i>:</i> .			· ·	.* *	≥ •
NO CE : NG ≥ 70000										75.9						
•										80.7						
≥ 6900 ≥ 6000										81.1						
≥ 4000										82.5						
≥ 4000 ≥ 2000										84.9						
> 3000										86.9						
≥ 9000										87.2						
£ 6000										87.8						
≥ 7000	54.9	74.4	79.9	83.0	35.8	86.3	87.U	87.6	87.7	88.3	88.5	88.5	88.6	88.7	89. 1	89.4
≥ 6000	55.4	75.0	80.5	83.6	86.4	86.9	87.8	88.2	88.3	88.9	89.2	89.2	89.3	89.3	39.0	90.0
≥ 5000	55.L	75.9	81.4	84.6	87.4	88.0	98.8	89.3	89.4	90.0	90.1	91.2	90.3	90.4	90.4	91.0
≥ 4500										90.4						
≥ 4000										91.0						
≥ 359										91.5						
≥ 3000										92.2						
≥ 2500										92.7						
≥ 2000	58.6	79.q	84.6	87.9	90.9	91.5	92.4	92.9	93.0	93.7	93.9	93°à	94.0	94 1	94.3	94.7
≥ 1800	58.4	79.0	84.7	88.Q	91.0	91.5	92.5	93.0	93.1	93.8	94.0	94.0	94.1	94.2	94.4	94.8
≥ :500										94.2						
≥ 200										94.5						
≥ '000										95.1						
≥ 900 ≥ 800										95.5						
										96.0						
, ≥ 700 ≥ 600										96.3						
,										96.5						
\ ≥ 500   ≥ 400										97.1						
										97.1						
≥ 300 ≥ 200										97.1						
<del></del>										97.2						
≥ 100 ≥ 0										97.2						
	27.9	3001	00.4	70014	.304	7704	(J • T)	70.1	7043	7.04	· 1 9 -51	7100	, , , ,			10000

### CEILING VERSUS VISIBILITY

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MCCLELLA AF: CALIF/SACRAMENTO

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J<u>C</u> 1

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

e 100-1100

CE I NO							· \$ B .	S.Y.	58, W 3							
ιξέ.	2 :	> ^	<u> </u>	≥ 4	≥ 3	≥:.	≥:	≥	≥ .	2	2	2 •		· ·	٠.	?
NO 08 √ NO ≥ 17000										77.8 82.9						
≥ 600c	49.8	72.3	76.9	87.1	82.2	87.6	92.9	83.3	83.3	83.3	53.4	83.4	83.4	33.4	83.4	83.4
<u> </u>										85.5						
≥ 4000 ≥ 2000										87.8						
2 5000 3 70 c	53.8									89.2						
≥ 20%										90.9						
≥ 8000 ≥ *000	55.0															
≥ 5000	55.2	79.5	84.5	87.9	90.5	90.8	91.3	91.6	91.6	91.7	91.7	91.7	9:.8	91.8	01.8	91.8
≥ 5000	55.8	80.2	85.3	88.7	91.2	91.6	92.0	92.3	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5
5 4000 5 4600	20.0	50.3	55.4	88.9	91.4	91.9	92.3	92.6	92.6	92.7. 93.6	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3500	56.9	81.5	86.7	90.2	92.8	93.2	93.7	94.0	94-0	94.1	94.1	94.1	94.2	94.2	94.2	94.2
, ≥ 3000	57.4	82.1	87.4	90.9	93.6	94.0	94.4	94.8	94.8	94.9	14.9	94.9	95.Q	95.0	95.0	95.0
≥ 7500	58.1	82.9	88.2	91.8	94.4	94.8	95.3	95.7	95.7	95.7	95.8	95.3	95.8	95.8	95.8	95.8
, ≥ 2000										96.0						
≥ 600 ≥ '500										96.2 96.8						
≥ 700	58.9	83.9	89.2	92.8	95.6	96.1	96.6	97.0	97.0	97.1	97.2	97.2	97.Z	97.2	97.2	97.2
≥ '000	59.2	24.4	89.8	93.4	96.2	96.7	97.4	97.7	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0
. ≥ 900	59.2									98.0						
. ≥ 800	59.3			93.7						98.6						
≥ 700 ≥ 600	59.3		90.a							98.8						
≥ 500	59.3		90.1	93.8	96.9	97.4	98.2	98.7	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2
≥ 400	59.3		90.1							99.2						
≥ 300	59.3 59.3									99.3						
≥ 100	5>.3									99.3						
≥ 0		- 1		- 1			- 1			99.3					* * -1	

### CEILING VERSUS VISIBILITY

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MCCLELLAS AFE CALIF/SACRAMENTO

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# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CE LING							.58.	"> \$"A"."	EVLES							
tii.	≥ :	≥ c	≥ 5	≥ 4	≥ }	≥::	≥: ,	≥ .	- ···	ž.		- •	٠	• •		<i>:</i>
NO 05 NO 2 1000										76.6						
≥ 800 ≥ 800	58.2	76.5	80.1	82.0	83.7	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	34.1
≥ 4000	59.6	78.3	82.0	84.0	85.8	85.8	36.0	85.0	80.0	86.0	26.1	86.1	80.1	86.1	86.1	86.1
≥ 2000 ≥ 5000	61.5	80.7	84.6	86.9	88.7	88.8	88.9	89.0	89.0	87.4	69.1	89.1	39.1	89.1	89.1	89.1
5 9000 5 5000	62.4	82.0	86.2	88.5	90.3	90.4	90.6	90.6	90.6	89.7 90.6	90.7	90.7	90.7	90.7	90.7	90.7
2 6000										91.1						
≥ 5000										92.9					_	
≥ 4000										94.1						
≥ 3000	65.8	86.3	90.7	93.3	95.3	95.3	95.5	95.5	95.5	95.5	95.6	95.6	92.6	95.6	95.6	95.6
> 2500 ≥ 2000	67.6	88.4	92.9	95.6	97.7	97.8	98.0	98.1	98.1	98.1 <sup>1</sup>	98.2	98.2	98.2	98.2	98.2	98.2
2 800 ≥ 500	67.8	88.8	93.3	96.0	98.1	98.2	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	68.1	89.2	93.7	46.6	98.7	98.3	99.1	99.2	99.2	98.8. 99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900 ≥ 800	68.1	89.2	73.8	96.6	98.7	98.8	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700 ≥ 600	68.1	89.2	93.8	96.7	98.8	99.0	99.4	99.6	99.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500 ≥ 400										99.7						
≥ 300 ≥ 200										99.8						
≥ 100 ≥ 0	68.1	89.2	93.8	96.7	98.8	99.0	99.4	99.7	99.7	99.8 99.8	00.0	100.0	100.0	00.01	00.01	00.0

#### CEILING VERSUS VISIBILITY

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HCCLELLA' AFE CALIF/SACRAHENTO

40-72

JC T

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

SIR, THI KTAT TRIME TV

1500-1700

63.7 80.0 82.9 84.6 85.8 85.9 60.2 86.2 86.3 86.3 86.3 80.3 86.3 86.3 86.3 5300 67.3 84.5 87.0 88.7 90.0 90.1 90.4 90.4 90.5 90.5 90.5 90.5 90.5 90.5 90.5 300 300 5700 5000 4500 71.1 89.7 92.6 94.5 95.8 96.0 96.3 96.4 96.4 96.5 96.5 96.5 96.5 96.5 96.5 96.5 3500 377 3500 <u>≥</u> 900 500 400 ≥ 100

#### CEILING VERSUS VISIBILITY

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MCCLELLA: AFE CALIF/SACRAMENT)

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PEXCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS

عريم ميد مجري

1503-5000

64.1 75.1 60.4 81.9 32.7 52.8 82.3 82.9 82.9 32.9 82.9 32.9 37.9 \$2.9 82.9 67.5 82.3 84.6 86.2 37.0 87.1 87.2 87.2 87.2 87.3 57.3 87.3 87.3 87.3 87.3 87.3 87.3 67.7 62.5 64.8 86.5 97.3 87.4 27.5 87.5 67.5 97.6 87.6 87.6 87.6 97.6 97.6 97.6 7 \*100 -2.1 74.8 91.0 93.5 95.4 90.4 96.6 96.7 96.7 90.7 96.8 90.8 96.8 96.8 96.8 96.8 96.8 2 453° 2 4500 2 3500 2 3000 350 76.3 93.3 96.0 98.1 99.3 99.5 99.6 99.6 99.7 99.8 99.8 99.8 99.8 99.8 99.8 99.5 500 407 300 

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#### CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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SBUTH STATUTE MILES 69.9 84.4 86.4 87.8 88.3 88.4 88.5 88.5 88.5 88.6 88.0 88.6 88.6 88.6 88.7 83.9 72.0 86.7 88.7 90.1 90.4 90.7 90.4 90.8 90.8 90.9 90.9 90.9 90.9 90.4 91.0 91.2 ≥ 1000 ≥ 90√ 73.2 88.1 90.4 91.5 92.0 92.1 92.2 92.2 92.3 92.3 92.3 92.3 92.3 92.4 92.6 30v. 73.4 38.4 90.4 91.8 92.3 92.4 92.5 97.5 92.5 97.6 92.4 97.6 92.6 97.6 92.6 92.5 92.7 97.9 9000 74.0 69.0 91.0 92.4 93.0 93.1 93.2 93.2 93.3 93.3 93.3 93.3 93.3 93.4 93.6  $\frac{74.6}{75.6} \frac{39.7}{90.9} \frac{91.8}{93.2} \frac{93.7}{94.4} \frac{93.9}{94.9} \frac{93.9}{93.9} \frac{94.0}{94.0} \frac{94.0}{94.0} \frac{94.0}{94.0} \frac{94.1}{94.1} \frac{94.1}{94.4} \frac{94.4}{94.9} \frac{94.0}{95.1} \frac{95.2}{95.2} \frac{95.2}{95.2} \frac{95.3}{95.3} \frac{95.3}{95.3} \frac{95.3}{95.3} \frac{95.3}{95.3} \frac{95.3}{95.4} \frac{95.4}{95.6}$ ≥ 6000 ≥ 5000 76.3 91.6 93.9 95.3 95.8 96.0 96.1 96.1 96.1 96.2 96.2 96.2 96.2 96.2 96.3 96.3 96.5 76.6 92.5 94.5 96.0 96.5 96.7 96.7 96.7 96.7 96.8 96.8 96.8 96.8 96.9 96.9 97.2 ≥ 4500 77.2 92.9 95.0 96.4 97.0 97.1 97.2 97.2 97.3 97.3 97.3 97.3 97.4 97.4 97.7 97.4 93.2 95.3 96.7 97.3 97.4 97.5 97.5 97.6 97.6 97.6 97.6 97.6 97.7 97.7 98.0 97.6 93.2 95.8 97.2 97.8 98.0 96.1 98.1 98.1 98.2 98.2 98.2 98.2 98.2 98.3 98.6 97.8 93.7 96.0 97.4 98.1 98.4 98.4 98.5 98.5 98.5 98.5 98.6 98.8 3500 ≥ 78.0 94.2 96.4 97.9 98.7 98.8 98.9 98.9 98.9 97.0 99.0 99.0 99.1 99.1 99.4 <u>≥</u> ≥

### CEILING VERSUS VISIBILITY

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MCCLELLA AFB CALIF/SACRAMENTU 41-72

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#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CELNG							v S B .	-v 5-A-,-	E V .ES							
*66*	> C	≥ 6	≥ 5	≥ 4	≥ 3	≥::	٤.	2	≥ .	2	≥ .	2 •	•	<u>.</u>	-	,
NO CE UNG ≥ 20000										69.7						
≥ F000 ≥ c000	41.6	60.L	63.8	67.Q	69.5	70.1	70.9	71.3	71.3	71.7	72.1	72.2	72.7	72.8	73.5	74.5
≥ 4000 ≥ 2000	42.3	61.2	65.1	68.4	71.0	71.5	72.4	72.8	72.9	73.3	73.7	73.7	74.3	74.3	75.0	76.0
≥ 0000 ≥ 9000	44.4	64.2	68.7	72.1	74.9	75.5	76.3	76.8	70.9	77.3	77.8	77.8	78.3	78.4	79.1	80.1
≥ 8000 ≥ 7000	45.8	66.1	70.4	74.2	77.0	77.6	78.4	79.0	79.0	79.5 81.0	79.9	80.0	80.5	80.6	81.3	82.3
≥ 6000 ≥ 5000	47.4	68.3	73.0	76.7	79.8	80.4	81.3	81.9	81.9	87.4 84.0	82.8	82.9	83.4	83.5	84.2	85.2
≥ 4500 ≥ 4000	48.6	70.0	74.5	78.7	81.8	82.5	83.4	84.0	84.0	84.5 85.6	84.9.	35.0º	85.5	85.6	86.2	87.3
≥ 3500 ≥ 3000		71.3	76.3	80.2	83.4	84.1	85.1	85.6	85.7	86.1 87.4	86.6	86.6	87.2	87.2	37.9	88.9
≥ 2500 ≥ 2000	50.5		78.1	82.2	85.5	86.1	87.2	87.7	87.8	88.2, 89.1	88.7	.88.8	89.3	89.3	9).0	91.1
≥ 900 ≥ 1500		73.9	79.1		86.6	87.2	88.2	88.8	8.86	89.3 90.3	89.7	89.8	90.3	90.4	91.1	92.1
≥ 1200 ≥ 1000	51.7 51.8	75.0	80.3		87.9	88.5	89.6	90.2	90.3	90.8	91.2	91.3	91.8	91.9	97.5	93.6
≥ 900 ≥ 800	51.9 52.0	75.5 75.7	80.7		88.5	89.2	90.3	90.9	91.1	91.5	92.0	92.0	92.5	92.6	9:1.3	94.4
≥ 700 ≥ e00	52.0 52.0	75.8 75.8	81.1	85.5	89.1	89.8	90.9	91.6	91.7	92.2	92.7	92.8	93.3	93.3	91.0	95.1
≥ 500 ≥ 400	52.0 52.0		81.2	85.7	89.4	90.3	91.5	92.2	92.3	93.0	93.5	93.5	94.0	94.1	94.8	95.9
≥ 300 ≥ 200	52.0 52.0	75.9	81.3	85.9	89.9	90.9	92.3	93.2	93.4	93.8	94.8	95.0	95.8	95.9	76.7	97.2 98.0
≥ 100 ≥ 0	52.0 52.0									94.2 94.2						

### CEILING VERSUS VISIBILITY

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# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

4 5 \$ C TY \$"A", "E W .ES

15.NG ,																
£ <b>66.</b>	≥ :	≥ €	≥ 5	≥ ≀	≥ .	≥ :	≥	≥	≥ .	≥	2.4	٠.		· •	٠.	•
<u> २० व्हर्य</u>	39.6	55.5	59.j	61.5	63.7	04.0	45.4	66.1	66.1	66.0	67. 1	67.4	67.9	68.0	68.9	70.5
2 0000	40.9	57.5	61.4	63.7	66.0	66.3	57.7	68.4	68.4	50.3	69.7	69.8	70.2	70.3	71.3	73.0
≥ 8000	40.9	57.4	61.4	63.7	60. L	66.3	67.8	68.4	60.5	69.4	69.8	69.R	70.3	70.4	71.4	73.1
≥ ^000	41.0	57.9	61.7	64.1	66.5	66.8	58.2	68. qi	68.9	69.8	70.2	70.3	70.5	70.8	71.8	73.5
≥ 4300	41.6	58.6	62.6	64.9	67.3	67.6	69.0	7.0ن	69.8	70.6	71.1	71.1	71.6	71.7	72.7	74.4
≥ 2000	42.5	60.2	64.4	66.8	59.L	69.4	70.9	71.6	71.6	72.5	72.9	73.7	73.4	73.5	74.5	76.2
≥ 3000	43.2	61.2	65.5	67.9	70.4	70.7	72.2	72.9	72.9	73.9	74.3	74.3	74.8	74.9	75.9	77.6
≥ 9000	43.5	61.6	65.9	68.4	70.9	71.2	72.7	73.4	73.4	74.4	74.8	74.9	75.4	75.5	76.5	78.2
≥ 8000 -	44.7	63.1	67.6	70.0	72.6	72.9	74.4	75.1	75. L	76.1	70.5	76.4	77.1	77.2	78.2	79.9
≥ *000	45.8	04.4	58.9	71.6	74.2	74.5	75.9	76.7	76.7	77.7	78.1	78.2	78.7	78.8	79.8	81.5
≥ 6000	40.0	65.6	70.2	72.8	75.5	75.9	77.3	78.1	78.1	79.1	79.5	79.6	80.1	90.5	81.2	82.9
-	47.4	67.0	71.6	74.5	11.4	77.5	79.0	79.8	79.8	80.8	81.2	81.3	81.8	81.5	82.9	84,6
≥ 4500 ≥ 4000	47.6	67.5	72.3	75.0	77.5	78.1	79.6	80.3	80.3	81.3	81.7	81.2	82.3	82.4	83.4	85.1
	40.3	68.5	73.2	74 4	70 6	79.1	90.6	81.4	81.4	87.4	82.8	82.9	83.4	83.4	H4.4	86.1
≥ 3500 ½ ≥ 3000 ;	40.d	69.0	74 4	77 2	90 3	90 4	71.3	82.0	02.1	83. I	83.5	83.0	84.1	84.2	85.2	86.9
-	49.7	70.5	75.4	78.3	B1.3	81 7	02.1	84 0	9/1	05 1	36.5	04 - 4: 05 £	94.4	97.0	97 )	97.7
≥ 2500 ≥ 2000	49.9	71.3	76.3	79.3	82.4	82.8	94.4	95 1	8r 3	84 2	64 7	84 7	00.1	97 2	99 3	00.7
≥ 8∪0	50.2	77.8	76.0	79.6	82.7	83.1	84-7	85.5	85.5	86 6	87 N	87.1	87 6	67 6	88 A	90.3
≥ 8∪0 ≥ '50°	50.5	72.4	77.2	80.2	83.4	83.8	85.4	86.1	86.2	87.2	87.7	87.7	88.3	88.3	80.3	91.0
≥ 200	50.5	72.6	77.6	80.6	83.6	84.3	85.9	85.7	86.7	87.8	88.2	88.3	88.8	BR. 9	89.9	91.6
- '000	50.6	72.5	77.8	80.9	84.2	84.7	36.3	87.1	87.1	88.2	88.7	88.7	89.2	89.3	90.3	92.0
≥ 900	50.6	72.8	77.9	81.0	84.4	84.9	86.6	87.3	87.3	88.4	88.9	88.9	89.5	89.5	90.5	92.2
≥ 800	50.6	72.9	78.C	81.2	84.7	85.2	96.9	87.7	87.7	88.8	39.2	89.3	89.8	89.9	90.9	92.6
≥ 700	50.7	73.q	78.1	81.4	85.0	85.5	37.2	88.0	88.1	89.1	89.6	89.7	90.2	90.2	91.2	92.9
≥ 600	50.8	73.1	78.3	81.7	85.4	85.9	87.7	88.6	88.6	89.7	90.1	90.2	90.8	90.9	91.8	93.5
≥ 500	50.8	73.1	78.4	81.8	85.5	86.0	88.0	88.9	89.0	90.2	90.6	90.7	91.4	91.4	92.4	94.1
≥ 400	50.9	73.2	78.5	81.9	85.8	85.3	88.4	89.4	89.5	90.8	91.3	91.3	92.0	92.1	93.1	94.8
≥ 300	50.9	73.3	78.6	82.1	86.0	86.5	88.6	89.7	89.8	91.2	91.7	91.8	92.6	92.6	93.6	95.5
≥ 200	50.9	73.3	78.6	82.1	86.1	86.7	88.8	89.9	90.1	91.6	92.2	92.2	93.2	93.3	94.5	96.9
≥ 100	50.9	73.3	78.6	82.1	86.1	86.7	98.8	89.9	90-2	91.8	92.5	92.5	93.7	93.9	95.3	98.0
≥ 0	20.9	73.3	78.5	82.1	86.1	86.7	88.8	89.9	90.2	91.8	92.5	92.6	93.7	93.9	95.4	00.0

### CEILING VERSUS VISIBILITY

23208

MCCLELLA + AFB CALIF/SACRAMENTS

30-72

VOIL

0200**-**0300

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBLE TY STATUTE MILES

CELNO ,	a an a generous some a desire a mode									- •						
-66	2 ^	≥ ÷	≥ 5	≥ 4	≥ ३	≥::	2:	≥	2.		2 .	٠.	*	•	٠.	• •
THE SELING	28.1	40 5	4.6 G	48.1.	51 7	52 4	54 2	55 R	55.0	57 2	58.0	58.0	54.7	58.9	59.8	61.6
≥ 12000		44.3	49.5	53.2	57.4	58.1	50.2	61.9	62.1	63.6	64.3	64.5	55.4	05.5	66.6	63.5
- 4306	30.5	44.5	49.7	53.4	57.0	58.4	50.5	62.2	62.4	63.9	64.5	64.9	65.7	65.8	66.9	8.60
≳ 8000 ≥ 5000	30.8	44.7	50.1	53.9	50.2	59.0	61.2	62.8	63.1	64.6	45.5	65.5	60.4	66.6	67.0	69.6
≥ 300	31.5	45.6	51.1	54.9	59.2	60.1	42.3	64.0	64.3	8.70	66.7	66.7	67.6	07.8	58.8	70.8
2 2000		47.4														
≥ £XX	33.5	43.4	54.0	58.1	62.7	63.6	65.9	67.7	68.0	69.5	70.5	70.5	71.4	71.6	72.7	74.7
≥ 9000	33.7	48.7	54.4	58.5	63.L	64.0	66.4	68.1	66.5	70.0	70.9	71.0	71,3	77.1	73.1	75.1
≥ 8000	34.6	50.0	55.8	59.9	64.7	65.6	68.0	69.8	70.1	71.7	72.7	72.7	73.6	73.8	74.9	76.8
≥ 7000	35.4	50.9	56.6	60.9	65 B	66.7	69.1	70.9	71.4	72.8	73.8	73.9	74.8	75.0	70.0	78.0
≥ 6000	30.3	52.1	58.2	62.4	67.3	68.3	70.7	72.6	72.9	74.5	75.5	75.5	70.4	76.5	77.7	79.7
≥ 5000	37.3	53.7	59.9	64.2	69.4	70.4	72.8	74.7	75.d	76.6	77.0	77.6	78.5	75.7	79.3	81.5
≥ 4500	37.6	54.2	60.5	64.9	70.0	71.1,	73.5	75.4	75.8	77.3	78.3	78 - 4	79.3	79.5	80.5	82.6
≥ 4000		55.5	62.0	66.4	71.6	72.5	75.1	77.0	77.4	79.0	30.0	80.0	80.9	81.1	HZ - Z	84.2
≥ 3500	39.1	56.2	62.7	67.Z	72.5	73.5	76.1	78.0	78.4	30.0	81.0	81.0	81.9	95.1	83.2	85.2
≥ 3000	39.5	57.0	63.5	68.1	73.5	74.6	77.1	79.1	79.4	81.0	82.0	82.1	83.0	83.2	94.4	80.3
≥ 2500	39.9	57.7	64.2	68.8	74.2	75.3	77.9	79.9	80.2	81.9	89	82.4	83.8	84.0	06 P	0/+1
≥ 2000	40.3	58.4	65.0	69.7	75.2	76.4	79.1	81.2	31.0	83.3	84.3	84.3	85.2	32.4	00.5	00.0
≥ 800	40.4	58.5	65.1	69.8	75.3	76.6	79.3	81.5	81.9	83.0	54.0	84.0	85.5	22 · /:	27 6	90.6
≥ '500	40.5	58.7	65.5	70.3	75.9	17.2	80.0	82.1	82.5	84.3	05 0	87.3	80.4	94 Q	99 0	90.0
≥ 200	40.7	58.7	65-6	70.g	10.4	77.0	80.4	52.0	83.0	04 . 0	02.0	04 6	00 • 1	97 4	92 7	90.0
,——————	40.8	59.1	80.0	70.9	70.0	75.0	81.0	83.1	03.0	05.4	00.0	96.9	87 7	97.9	80.0	90.7
≥ 900 ≥ 800	40.9	27.3	00.1	71.0	70.7	70 - 4	51.4	82.9	03.7	07.1	27 2	97 3	9101	88.5	89.5	91.0 91.6
	41.0	27.4	66.5	71.2	77 2	70 4	31.0	94 0	84 5	84 4	07 6	87 6	88.8	88.7	89.9	91.8
≥ 700 ≥ 600	41.0	50 7	66 4	71.7	77 7	70.0	82.3	8/ Al	85.0	87 0	88 1	88.2	89.1	89.3	90.4	92.4
-	41.4	53 B	66 7	71 8	77.0	79.2	82.3	85.1	85.5	87.6	88.7	88 8	89.7	89.9	91.1	93.1
≥ 500 ≥ 400	41.2	59.8	66.8	71.9	78.1	79.6	83.1	85.5	84.0	88.1	89.3	89.3	90.2	90.5	91.7	93.9
-	41.2	59.8	66.8	72.0	78.3	79.7	83.3	8 8	86-4	88.8	90-2	90.3	91.3	91.5	92.9	95.3
≥ 300 ≥ 200	41.2	59.8	66.8	72.0	78.3	79.8	83.4	85.9	86.5	89.1	90.7	90.9	92.0	92.3	93.8	96.8
≥ 100	41.2	59 P	66.8	72.0	78.3	79.8	£3.4	85.9	86.0	89.3	90.9	91.1	92.2	92.7	94.3	98.0
≥ 100	41.2	59.8	66.8	72.0	78.3	79.8	83.4	85.9	86.6	89.3	91.0	91.1	92.3	92.7	94.5	100.0
											<del></del>					

CEILING VERSUS VISIBILITY

23268

MCCLELLA . AF CALIF/SACRAMENTA

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J300-1100

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

39-72

25.5 41.2 40.3 50.1 53.8 54.5 56.8 57.0 59.1 58.6 59.7 58.9 59.9 59.1 59.4 NO SE NO 2 (100) 28.3 46.6 52.2 56.9 61.5 62.4 64.4 65.4 65.6 66.7 67.3 67.3 67.6 67.6 67.6 67.9 68.1 28.3 46.8 52.5 57.3 62.0 63.0 65.0 66.0 66.2 67.3 67.9 68.0 68.2 68.2 68.5 68.8 28.6 47.1 52.9 57.9 62.6 63.6 65.7 66.7 66.9 68.0 68.7 68.9 68.9 69.9 59.2 69.5 29.2 48.2 54.2 59.4 64.2 65.3 67.4 68.5 68.7 69.8 70.4 70.4 70.7 70.7 71.0 71.2 NOW 30.4 49.8 55.9 61.3 66.3 67.4 69.7 70.2 71.1 72.3 72.9 73.2 73.2 73.2 73.2 73.2 73.7 31.2 20.9 57.2 62.7 67.8 69.0 71.4 72.6 72.9 74.0 74.0 74.7 74.9 75.0 31.5 51.3 57.6 63.1 68.3 69.6 72.0 73.1 73.4 74.5 75.2 75.2 75.5 75.5 75.6 76.0 32.7 52.8 59.1 64.6 69.8 71.1 73.5 74.7 74.9 76.1 76.8 76.8 77.0 77.1 77.3 77.6 33.3 53.6 59.6 65.4 70.7 72.1 74.5 75.7 76.0 77.1 77.8 77.9 78.2 78.2 78.2 78.5 78.7 33.6 54.4 60.7 66.3 71.8 73.2 75.7 76.9 77.2 78.4 79.1 79.7 79.4 79.4 79.7 80.0 35.0 56.0 62.4 68.0 73.6 75.0 77.5 78.8 79.1 80.2 80.9 81.0 81.2 81.3 81.5 81.8 6000 35.2 56.4 62.8 68.5 74.1 75.5 78.1 79.3 79.4 80.7 81.4 81.5 81.8 81.8 82.1 82.3 35.9 57.5 64.0 69.6 75.4 76.7 79.4 80.6 60.9 82.0 82.7 82.8 83.1 83.1 83.4 83.6 36.5 58.5 65.1 70.8 76.6 77.9 30.5 81.8 82.1 83.2 83.9 84.0 84.2 84.3 34.5 84.8 37.1 59.1 65.9 71.7 77.4 78.8 91.5 82.7 83.0 84.1 84.6 84.9 85.2 85.2 85.5 85.7 37.4 59.7 66.5 72.4 78.3 79.7 82.4 83.8 84.1 85.2 85.9 86.0 86.2 86.3 86.5 86.8 37.9 60.5 67.3 73.2 79.6 81.0 83.8 85.2 85.5 86.7 87.4 87.5 87.7 87.7 88.0 88.2 2500 37.9 60.6 67.4 73.3 79.7 81.2 84.0 85.4 85.7 86.9 87.6 87.7 87.9 88.0 88.2 88.5 38.3 61.2 68.0 74.0 80.6 82.1 95.0 86.5 86.8 88.0 88.7 88.8 89.0 89.0 89.3 89.6 38.5 61.7 68.6 74.7 81.2 82.8 85.8 87.2 87.5 88.7 89.4 89.5 89.8 89.8 90.1 90.3 38.9 62.2 69.2 75.3 82.2 83.8 86.9 88.3 88.7 89.9 90.7 90.8 91.0 91.0 91.3 91.5 38.9 62.3 69.3 75.5 82.5 84.1 87.3 88.9 89.3 90.5 91.2 91.3 91.5 91.6 91.8 92.1 39.0 62.6 69.6 75.9 83.1 84.9 88.1 89.8 90.2 91.5 92.2 92.3 92.6 92.6 92.9 93.2 39.1 62.7 69.8 76.2 83.7 85.4 89.0 90.3 90.7 92.1 92.8 92.9 93.2 93.3 93.6 39.1 62.8 69.9 76.3 83.7 85.4 89.0 90.3 90.7 92.1 92.8 92.9 93.2 93.3 93.5 93.8 ≥ 39.1 62.8 69.9 76.3 83.7 85.6 89.0 90.7 91.1 92.6 93.3 93.4 93.7 93.8 94.1 94.3 39.1 62.6 70.0 76.4 83.9 85.8 89.2 91.1 91.5 93.2 94.1 94.3 94.6 94.6 94.9 95.2 39.2 62.9 70.0 76.4 84.1 86.0 89.5 91.7 92.3 94.2 95.2 95.3 95.7 95.8 96.2 96.5 39.2 62.9 70.1 76.5 84.2 86.2 89.8 92.3 93.1 95.2 96.4 96.6 97.2 97.4 97.9 98.3 39.2 62.9 70.1 76.5 84.2 86.2 89.8 92.4 93.2 95.4 96.8 97.0 97.5 97.8 98.4 99.0 39.2 62.9 70.1 76.5 84.2 86.2 89.8 92.4 93.2 95.4 96.9 97.1 97.6 98.6 98.6 99.4 39.2 62.9 70.1 76.5 84.2 86.2 89.8 92.4 93.2 95.5 96.9 97.1 97.7 98.1 98.7 100.0

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23268

MCCLELLA AFB CALIF/SACRAMENTO

37-72

101

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

ŒNO							.58.	*v 5*A*.	E M .65		-					-
ŧŧŧ.	≥ 0	≥ €	≥ 5	≥ 4	≥ 3	≥:	≥:	≥ .	2.	2	٤.	٠.	2	2	: .	<u>.</u>
150 de l 50 2 da∞	34.0	50.0	54.3	57.7	60.3	1.10	^2·2	62.7	62.8	03.1	63.2	63.7	63.3	63.3	63.3	63.4
≥ \$0,0 ≥ \$000	38.3	56.1	61.0	64.5	68.2	69.1	70.6	71.2	71.3	71.7	71.5	71.8	71.9	71.7	71.9	72.0
≥ 4000 ≥ 700	39.4	57.8	63.0	67.1	70.8	71.8	73.4	74.0	74.1	72.7 74.6 77.0	74.7	74.7	74.8	74.8	74.8	74.9
≥ 900° ≥ 900°	41.2	60.3	65.6	70.0	74.0	75.1	76.7	77.4	77.6	78.1 78.5	78.2	78.2	78.3	78.3	78.3	78.4
≥ 5000 ≥ *900°	42.6	62.2	67.6	72.1	76.1	77.3	78.9	79.6	79.7	80.3 81.3	80.4	80.4	80.4	80.4	80.5	80.5
≥ 50°°	43.6	53.6	69.0	73.6	77.8	79.1	20.8	81.5	81.7	87.2 83.8	82.3	82.3	82.4	82.4	82.4	82.5
≥ 4500 ≥ 4500	45.2	65.7	71.2	75.9	80.1	81.5	83.3	83.9	84.1	84.6	84.7	84.7	84.8	84.8	84.8	84.9
≥ 3500 ≥ 3000	47.1	68.3	73.8	78.5	83.0	84.3	80.2	86.9	87.1	87.6 88.9	87.7	87.7	87.8	87.8	87.8	37.9
≥ 2500 ≥ 2000	48.7	70.4	76.1	81.0	85.6	87.1	39.1	89.8	90.0	90.5 91.8	90.6	90.6	90.7	90.7	90.7	90.8
≥ 800	49.0	71.7	77.3	82.4	87.1	88.7	90.7	91.4	91.6	97.2 93.6	92.3	92.3	92.4	92.4	92.4	92.5
≥ 200	50.4	73.1	78.9	84.3	89.4	90.9	93.1	94.0	94.2	94.8 95.7	94.9	94.9	95.0	95.0	95.0	95.1
≥ 900 ≥ 800	50.5	73.4	79.2	84.6	90.0	91.7	94.0	94.8	95.1	95.9 96.3	96.1	96.1	96.2	96.2	96.2	96.3
≥ 70. ≥ 600	50.5 50.6	73.5	79.3	84.8	90.3	92.0	94.4	95.4	95.6	96.6	96.9	96.9	97.0	97.0	97.0	97.1
≥ 500 ≥ 400		73.7	79.6	85.2	90.8	92.5	95.0	96.7	96.9	98.1 98.4	98.4	98.4	98.5	98.5	98.6	98.6
≥ 300 ≥ 200	50.6 50.6	73.8 73.8	79.6 79.6	85.3 85.3	90.9	92.7 92.7	95.3 95.3	97.2 97.2	97.7 97.7	98.9	99.5	99.5	99.7	99.8	99.9	00.0
≥ 100 ≥ 0	50.6 50.6	73.8 73.8	79.6 79.6	85.3 85.3	90.9	92.7 92.7	95.3 95.3	97.2 97.2	97.7 97.7	98.9 98.9	99.5 99.5	99.5	99.7	99.8 99.8	99.9	00.0

DATA PRUCESSING BRANCH USAF ETAC AIP WEATHER SERVICE/MAC

### **CEILING VERSUS VISIBILITY**

23208

O

MCCLELLA' AFE CALIF/SACRAMENTO

39-72

₩O.A

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

USBUTY STATUTE MUES

1500-1700

a No NO DE NO 30.3 51.1 55.5 58.6 61.9 62.5 53.5 64.2 64.2 64.7 64.9 64.9 65.0 65.0 65.0 65.0 65.0 60.1 56.6 61.4 64.9 68.8 69.5 70.6 71.4 71.5 72.0 72.2 72.2 72.3 72.3 72.3 72.3 40.3 56.9 61.6 65.1 69.1 69.7 70.9 71.7 71.8 72.3 72.5 72.5 72.6 72.6 72.6 72.6 40.7 57.4 62.3 65.9 69.8 70.5 71.7 72.5 72.7 73.3 73.5 73.5 73.6 73.6 73.6 73.6 41.7 59.0 63.9 67.6 72.0 72.8 74.1 75.0 75.1 75.8 76.0 76.0 76.1 75.1 76.1 43.3 61.1 66.1 69.9 74.5 75.4 76.7 77.7 77.8 78.6 78.6 78.8 78.9 73.9 78.9 78.9 6000 1000 4000 5000 47.6 67.0 72.4 76.6 31.7 83.7 84.6 85.6 85.8 86.6 86.8 86.8 86.9 86.9 86.9 86.9 47.8 67.6 73.0 77.2 82.4 63.7 85.3 86.3 80.5 87. 87.5 87.5 87.6 87.6 87.6 87.6 4500 48.9 69.3 75.0 79.5 84.8 86.1 87.8 88.8 89.0 89.7 90.0 90.0 90.1 90.1 90.1 90.1 90.1 50.0 70.7 76.4 81.0 86.4 87.8 89.5 90.5 90.7 91.5 91.7 91.8 91.3 91.8 91.8 91.8 50.5 71.4 77.4 82.0 87.6 89.0 90.8 91.9 92.1 92.5 93.1 93.1 93.2 93.2 93.2 93.2 50.9 72.4 78.4 83.1 88.9 90.3 92.2 93.3 93.5 94.2 74.5 94.5 94.6 94.6 94.6 94.6 51.0 72.7 78.7 83.4 89.2 90.6 92.6 93.7 93.8 94.6 94.9 94.9 95.0 95.0 95.0 95.0 2500 2000 51.2 73.1 79.2 84.0 89.6 91.4 93.5 94.6 94.6 95.6 95.9 95.9 90.0 96.0 96.0 96.1 51.4 73.4 79.7 84.5 90.4 92.0 94.2 95.4 95.6 96.4 96.7 96.7 96.8 96.8 96.8 96.8 51.4 73.4 79.8 84.8 90.6 92.4 94.6 95.9 96.0 96.9 97.2 97.2 97.3 97.3 97.3 97.3 51.4 73.4 79.8 84.8 90.8 92.5 94.7 96.0 96.2 97.1 97.4 97.4 97.5 97.5 97.5 97.5 51.4 73.5 79.9 84.9 91.1 92.8 95.0 96.3 96.5 97.4 97.7 97.7 97.8 97.8 97.8 97.8 51.4 73.6 80.0 85.1 91.3 93.0 95.2 96.7 96.9 97.8 98.2 98.2 98.3 98.3 98.3 51.4 73.6 80.0 85.1 91.3 93.0 95.3 96.9 97.1 98.1 98.5 98.6 98.6 98.6 98.6 98.6 800 700 51.4 73.6 80.0 85.1 91.3 93.1 95.4 97.2 97.5 98.6 99.1 99.1 99.2 99.2 99.2 99.2 51.4 73.6 80.0 85.1 91.3 93.1 95.4 97.3 97.8 98.9 99.4 99.5 99.6 99.6 99.6 99.6 <u>≥</u> 51.4 73.6 80.0 85.1 91.3 93.1 95.5 97.4 97.9 99.1 99.6 99.6 99.8 99.8 99.8 51.4 73.6 80.0 85.1 91.3 93.1 95.6 97.5 97.9 99.1 99.6 99.7 99.9 99.9 99.9 73.6 80.0 85.1 91.3 93.1 95.6 97.5 97.9 99.1 99.6 99.7 99.9 99.9 99.9 100.0 80.0 85.1 91.3 93.1 95.6 97.5 97.9 99.1 99.6 99.7 99.9 99.9 99.5 100.0

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

23238

MCCLELLAN AFR CALIFYSACKAMENTU

40**−**72

107

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-5000

VSBUTY STATUTE MUES 42.7 27.1 60.8 64.1 67.1 67.5 48.7 69.7 69.4 69.6 69.6 69.7 69.7 69.9 70.1 NU CELNO ≥ .~~~ 44.7 00.7 64.0 68.1 71.4 72.4 73.0 73.4 73.5 73.6 74.0 74.0 74.1 74.2 74.3 74.0 44.9 63.9 64.6 68.3 71.6 77.2 73.3 73.7 73.8 74.1 74.3 74.3 74.4 74.5 74.7 74.9 45.0 61.1 65.0 68.6 72.0 77.6 73.7 74.1 74.2 74.6 74.8 74.8 74.9 14.9 75.1 75.3 46.0 62.6 66.7 70.5 74.1 74.7 75.8 76.3 76.4 76.8 77.0 77.1 77.1 77.3 77.5 ≥ ±000 ≥ 6000 ≥ 4000 ≥ 7000 40.9 04.2 68.5 72.6 76.3 76.9 78.1 78.6 78.7 79.1 79.3 79.2 79.4 79.4 79.6 79.8 2 .300 200° ≤ 47.6 65.3 69.5 73.6 77.5 78.1 79.4 79.8 79.9 80.3 80.6 80.6 80.7 80.7 80.9 81.1 47.9 65.5 70.0 74.2 78.11 78.7 79.9 80.4 80.5 80.9 81.1 81.1 81.2 81.3 81.4 81.7 49.5 67.4 71.9 76.2 80.2 80.9 82.1 82.6 82.7 83.1 83.3 83.4 83.4 83.0 83.8 ≥ 5000 ≥ "000 50.4 68.5 73.1 77.4 81.4 82.1 83.3 83.8 83.9 84.3 84.5 84.5 84.6 84.6 84.8 85.1 51.3 69.7 74.4 78.7 82.8 83.4 84.6 85.1 85.2 85.6 85.8 85.8 85.9 86.0 86.1 86.4 ≥ 5000 ≥ 5000 52.4 71.4 76.0 80.5 84.6 85.3 86.6 87.0 87.1 87.5 87.8 87.9 87.9 87.9 88.1 88.3 52.9, 72.1 76.8 81.3 85.6 86.3 67.5 88.0 88.1 88.5 88.7 88.7 88.8 88.8 99.1 89.2 53.4 72.3 <u>77</u>.6 82.2 86.5 87.2 <u>88.4 88.9 89.0</u> 89.5 89.7 89.7 89.8 89.8 90.0 90.2 54.1 73.6 78.4 83.0 87.4 88.1 89.3 89.8 89.9 90.3 90.5 90.5 90.6 90.7 90.8 91.1 ≥ 54.7 74.5 79.4 84.1 88.6 89.3 90.5 91.1 91.2 91.6 91.6 91.8 91.9 91.9 92.1 92.4 55.5 75.5 80.5 85.3 89.9 90.7 92.0 92.5 92.6 93.1 93.3 93.3 93.4 93.4 93.4 93.6 93.8 55.7 76.6 81.0 85.9 90.6 91.3 92.7 93.2 93.3 93.8 94.0 94.0 94.1 94.1 94.3 94.5 3000 2 3500 ≥ 55.9 76.3 81.2 86.3 91.0 91.7 93.0 93.6 93.7 94.2 94.4 94.4 94.5 94.5 94.7 95.0 56.1 76.7 81.6 86.8 91.6 92.3 93.7 94.3 94.4 95.0 95.2 95.2 95.3 95.3 95.5 95.7 800 500 <u>≥</u> 56.3 77.1 82.0 87.3 92.0 92.8 94.1 94.8 94.9 95.4 95.6 95.6 95.7 95.7 95.9 96.1 56.4 77.2 82.3 87.6 92.5 93.3 94.6 95.3 95.4 95.9 96.1 96.1 96.2 96.2 96.4 96.7 ≥ 1000 56.4 77.3 82.5 87.8 92.9 93.7 95.0 95.7 95.8 96.3 96.5 96.5 96.6 96.7 96.8 97.1 56.4 77.3 82.6 88.0 93.1 93.9 95.3 96.1 96.1 96.6 96.5 96.2 96.9 97.6 97.1 97.4 56.4 77.4 82.7 88.2 93.5 94.4 95.8 96.5 96.6 97.1 97.3 97.3 97.4 97.5 97.6 97.9 56.4 77.4 82.8 88.4 93.8 94.7 96.2 96.9 97.0 97.8 97.8 97.8 97.9 97.9 98.1 98.3 ≥ 800 <u>≥</u> 56.4 77.7 83.0 88.6 94.1 95.1 96.7 97.4 97.6 98.2 98.4 98.4 98.5 98.6 98.7 99.0 56.4 77.7 83.0 88.6 94.1 95.1 96.7 97.5 98.0 98.6 92.8 98.8 98.9 98.9 99.1 99.4 50.4 77.7 83.0 88.6 94.1 95.1 96.7 97.6 92.1 98.6 98.9 98.9 99.0 99.0 99.2 99.4 56.4 77.7 83.0 88.6 94.1 95.2 96.8 97.6 98.1 98.7 99.0 99.1 99.1 99.3 99.6 50.4 77.7 83.0 88.6 94.1 95.2 96.8 97.6 98.1 98.7 99.0 99.0 99.1 99.1 99.3 99.6 56.4 77.7 83.0 88.6 94.1 95.2 96.8 97.6 98.1 98.7 99.0 99.0 99.1 99.1 99.4 100.0 200 ≥ 100

TOTAL NUMBER OF OBSERVATIONS 2931

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23208

MCCLELLAY AFE CALIF/SACRAMENTO

41-72

194

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CELNO					-		.581	-v 5-T-^.	E w .ES							
£6£.	≥ :	≥ ÷	≥ 5	≥ 4	≥ 3	≥ ;	≥:	≥	≥ .	2	- •	* 1		• •	٠.	
NO CELNO ≥ 70000		_							-	72.3 74.9						
≥ 8000 ≥ 6000	45.3	63.1	66.8	70.1	72.4	73.1	74.L	74.5	74.7	75.7 75.6	75.3	75.3	75.7	75.7	76.1	76.7
2 4XX	46.2	04.5	68.3	72.0	74.5	75.2	70.2	76.6	76.8	77.3	77.4	77.4	77.7	77.3	78.2	78.8
≥ 2000	47.5	66.8	71.0	74.7	77.5	78.1	79.2	79.7	79.8	80.4	80.4	80.5	80.8	8.06	81.3	81.9
≥ 9000 ≥ 8000	48.8	68.7	73.0	76.9	79.6	80.3	31.4	81.9	82.1	80.8	82.7	82.P	83.1	83.1	83.0	84.2
> 000 ≤	50.7	71.3	75.7	79.6	82.3	83.0	84.2	84.6	84.8	83.6	85.4	85.5	85.8	85.9	86.3	86.9
≥ 500° ≥ 450°	- 4	73.0	77.5	81.5	84.5	85.1	86.3	86.6	86.9	86.9 87.5	87.6	87.6	88.0	88.0	88.4	89.1
≥ 4000										88.8						
≥ 3000										90.3						
≥ 2000										92.4						
. ≥ 300 ≥ 300	54.7	77.4	82.0	86.3	89.7	99.4	91.7	92.3	92.6	93.2	93.3	93.3	93.7	93.7	94.1	94.8
≥ 500	55.1 55.2	78.C	82.8	87.2	90.7	91.5	92.9	93.6	93.8	94.4	94.5	94.6	94.9	94.9	95.4	96.0
≥ %0C ≥ 80C		78.3	83,1	87.6	91.1	91.9	93.3	94.0	94.Z	94.8	94.9	95.0	95.3	95.4	95.8	96.4
≥ 700 ≥ s30	55.3	78.4	83.3	87.8	91.5	92.4	93.8	94.5	94.7	95.1	95.4	95.5	95.6	95.9	96.3	95.9
≥ 500 ≥ 400		78.5	83.4	87.9	91.8	92.9	94.3	95.2	95.6	95.6	96.3	96.4	90.8	96.8	97.2	97.8
≥ 300 ≥ 200	55.3	78.5	83.4	87.9	91.8	92.9	94.4	95.4	95.9	96.5	96.8	96.9	97.4	97.4	97.8	98.6
≥ 00 ≥ 0	55.3 55.3									96.6						

DATA PRUCESSING BRANCH USAF ETAC AIP WEATHER SERVICE/MAC

### CELLING VERSUS VISIBILITY

23208

(e)

MCCLELLA . AFA CALIF/SACRAMENTO

41-72

JEC

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

+ 5 B UTY 5"ATUTE 11 LES

0000-0506

≥ 5 ≥ 3 ≥ ; 27.1 38.3 41.4 45.2 47.9 45.5 49.9 50.8 50.9 51.8 52.1 52.7 52.8 57.0 53.4 54.8 28.1 39.5 42.9 47.0 49.9 50.5 51.8 52.7 52.8 53.8 54.1 54.2 54.8 54.9 55.4 56.8 28.1 29.0 43.0 47.2 50.0 50.6 52.0 52.9 53.0 53.9 54.2 54.3 55.0 55.1 55.5 57.0 28.3 37.9 43.4 47.5 50.4 51.0 52.3 53.2 53.3 54.3 54.0 54.7 55.3 55.4 55.9 57.3 28.7 40.5 44.0 48.1 51.1 51.7 53.1 54.2 54.1 55.0 55.3 55.4 56.1 56.2 56.7 59.1 29.1 41.1 44.7 49.0 52.0 52.6 54.1 55.3 55.1 56.1 56.4 56.5 57.2 57.3 57.9 59.3 29.5 47.1 45.7 50.0 53.1 53.7 55.2 56.1 50.3 57.4 57.7 57.8 58.4 58.5 59.1 60.5 ×00 29.8 42.6 40.4 50.6 53.8 54.4 55.8 56.3 57.0 58.0 58.4 58.4 59.1 59.2 59.0 61.2 30.4 43.3 47.1 51.6 54.7 55.3 56.8 57.8 58.3 50.1 59.4 59.5 60.2 60.3 60.9 62.3 2000 5000 31.0 44.2 48.0 52.6 55.8 56.4 58.0 59.0 59.1 60.3 60.6 60.7 61.3 61.4 62.1 63.4 31.6 45.0 49.0 53.8 57.2 57.7 59.3 60.3 60.5 61.5 62.7 62.0 62.7 62.8 63.4 64.8 32.7 46.5 50.5 55.5 58.9 59.6 61.2 62.2 62.4 63.5 63.7 63.9 64.7 64.3 65.4 66.7 33.3 47.2 51.4 56.3 59.8 60.5 62.1 63.2 63.4 64.6 64.9 05.0 65.7 65.8 66.4 67.8 33.9 48.1 52.3 57.4 60.9 61.6 63.3 64.4 64.7 65.8 66.2 66.2 66.9 57.2 67.7 69.0 34.5, 48.9 53.2 58.3 62.0 62.7 64.4 65.5 65.8 66.9 67.3 67.4 65.1 68.2 68.8 70.2 35.2 50.1 54.4 59.7 63.4 64.2 66.0 67.1 67.3 68.6 68.9 69.0 69.7 69.8 70.4 71.8 3000 36.0 51.2 55.6 60.8 64.6 65.4 67.2 68.3 68.5 69.8 70.1 70.2 70.9 71.0 71.6 73.0 36.8 52.8 57.6 63.0 67.9 69.8 70.8 71.1 72.5 72.6 72.9 73.6 73.7 74.3 75.7 37.1 53.4 58.2 63.6 67.7 68.5 70.4 71.5 71.7 73.1 73.4 73.5 74.2 74.3 74.9 76.3 2500 37.5 54.5 59.2 64.7 68.9 69.8 71.7 72.8 73.1 74.5 74.8 74.9 75.6 75.7 76.3 77.7 37.7 55.2 60.1 65.9 70.4 71.3 73.3 74.5 74.8 76.2 76.5 76.6 77.3 77.4 78.0 79.4 37.6 55.6 60.5 66.6 71.2 72.1 74.2 75.5 75.8 77.1 77.5 77.5 78.3 75.4 79.0 80.4 37.9 55.9 60.9 67.0 71.8 72.7 74.8 76.1 76.5 77.9 78.2 78.3 79.1 79.2 79.6 81.2 37.9 56.0 61.0 67.3 72.2 73.2 75.4 76.7 77.0 78.5 78.8 78.9 79.7 79.8 80.4 81.8 38.0 96.7 61.2 67.8 72.8 73.8 76.1 77.4 77.8 79.3 79.7 79.7 80.6 80.7 81.3 82.7 38.1 56.4 61.5 68.1 73.7 74.8 77.1 78.5 78.8 80.4 80.8 80.8 81.6 81.8 82.4 83.8 800 38.1 56.5 61.6 68.2 74.1 75.3 77.8 79.3 79.7 81.3 81.7 81.7 82.5 82.7 83.3 84.7 38.1 56.6 61.6 68.4 74.5 75.8 78.6 80.3 80.8 82.4 82.9 83.6 83.8 84.6 84.6 86.1 500 38.1 56.6 61.6 68.5 75.0 76.4 79.4 81.5 82.1 83.9 84.5 84.6 85.6 85.6 86.5 88.0 38.1 56.6 61.6 68.5 75.2 76.6 79.8 82.2 83.0 85.5 86.8 86.8 88.4 8F.9 90.0 91.9 36.1 56.6 61.6 68.5 38.1 56.6 61.6 68.5 75.2 76.6 79.8 82.3 83.1 85.8 86.9 87.7 88.9 89.8 91.6 95.1 75.2 76.6 79.8 82.3 83.1 85.8 87.0 87.3 89.0 89.9 91.5100.0 100

2962

DATA PROCESSING BRANCH USAF FTAC AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

80565

MCCLELLA" AFE CALIF/SACRAMENTO

40-72

JEC

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

+ SBL TY STATUTE WILES

530Q**-**Q500

F NG																
eeë.		≥ 5	≥ :	≥ 4	<u> </u>	≥ :	≥:	≥ -	ż .	2	···	•	*	2 × 4	٠.	• .
NO 35 L NO	25.2	30.4	39.0	42.4	44.7	45.1	46.5	47.1	47.2	46.1	48.0	48.6	49.3	49.6	50.3	52.0
A 10000	25.ď	37.5	41.1	44.0	40.3	46.7	48.2	48.8	48.9	49.4	56.3	50.4	51.2	51.4	52.2	54.0
≥ 8000	20.0	37.5	41.1	44.0	46.4	46.8	48.2	48.7	48.9	49.9	50.4	51.4	51.2	51.5	52.5	54.0
≥ ~000	26.1	37.7	41.3	44.2	46.6	47.0	48.4	49.1	49.1	50.1	5G.0	50.5	51.4	51.7	52.5	54.2
5 4000	20.3	37.9	41.0	44.5	45.8	+7.2	46.7	49.3	49.4	50.3	50.3	50.0	51.7	51.9	52.7	54.5
≥ 100°	25.5	38.3	42.1	45.0	47.5	47.9	40.4	50.0	50.1	51.1	51.0	21.3	52.5	57.5	53.6	55.4
à 1000 1000	27.2	39.3	43.2	45.1	48.6	49.7	50.5	51.1	51.2	52.2	52.7	52.5	53.6	53.9	54.7	56.5
<u>→ ∧α</u>	27.6	39.7	43.6	46.5	49.L	49.5	51.0	51.7	51.7	57.8	53.2	53.4	54.1	54.4	55.2	57.0
≥ 8000 ≥ 1000				47.8												
	20.7	41.0	45.1	49.9	21.3	51 69	23.2	54 · Z	54.2	57.3	22.6	50.1	50.8	3/ · l	57.8	39.6
≥ 63% ≥ 5000	20 8	46.5	40.0	51.6	72.Q	55.0	54.0	57 4	22.0	20./ Ec. 4	21.4	50.3	20+I	20.4	57.6	62.0
≥ 4500				52.6												
≥ 4000				54.1												
≥ 3500	32.9	47.7	52.3	55.6	55.7	59.2	61.0	61.8	61.9	63.0	63.5	63.7	64.5	64.8	65.5	67.3
≥ 300C	34.0	49.2	54.0	57.4	60.6	61.0	62.9	63.7	63.8	65.0	65.5	65.7	66.5	66.8	67.6	65.4
≥ 7500	34.7	50.4	55.3	58.6	61.9	62.4	54.3	65.1	65.2	66.4	67.0	67.2	68.0	68.3	69.0	70.8
≥ 7000				60.0												
≥ 800				60.5												
≥ 500																74.6
≥ 700° ≥ '000°				62.7												
	36.2	24.6	59.9	63.8	6/.	68.5	70.7	71.7	71.9	73.3	74.0	74.2	75.0	75.3	76.1	77.9
≥ 900 ≥ 800	30.3	74.0	40.4	64.2	20.4	40.4	71.4	72.0	72.4	13.5	14.0	74.5	70.0	75.4	70.1:	70.5
	30.4	55 °	60 7	64.6	4 00	70.3	72.7	77.0	76.0	75 5	74 3	72.0	77 2	77 5	70 4	90 2
≥ 700 ≥ 600	36.7	55.4	61.0	65.4	70.4	71.3	73.8	75.0	75.1	76.8	77.5	77.7	78.4	78.3	79.7	81.5
≥ 500				65.6												
≥ 200																84.7
≥ 300																87.1
≥ 200	36.7	55.5	61.3	65.9	71.8	73.3	76.6	78.8	79.6	82.4	83.5	84.3	86.1	86.9	88.5	91.2
≥ 100	36.7	55.5	61.3	65.9	71.9	73.3	76.7	78.9	79.7	82.7	84.2	84.8	87.0	88.0	90.2	94.6
≥ 0	36.7	55.5	61.3	65.9	71.9	73.3	76.7	78.9	79.7	82.7	84.3	84.0	87.1	88.2	90.6	100.0
	2000	2200	7207	9297			.0.9	1000		- C . !!	U113	चन् कर	A L O E:	44.5	,,,,,	<u>. u</u>

DATA PRUCESSING BRINCH USAF ETAC AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23208

MCCLELLA + AFR CALIF/SACRAMENTO 39-72

JE C

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0800

46.5
50.8 51.2
52.3
53.5 54.3
55 <u>.0</u> 56.3
57 <u>.0</u> 58.5
60.5 61.6
63 <u>.2</u>
66.5 68.8
70.8
72.7 74.6
76.4 77.0
77.9 79.0
80.0
81.4
86.0 91.6
95.0
556666777777778888899

3124 TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSING BRANCH USAF ETAC AIR WENTHER SERVICE/MAC

### **CEILING VERSUS VISIBILITY**

23209

HCCLELLA . AFO CALIF/SACRAMENTA

39-72

JE C

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VSB. THISTAT TO HER

0900- .100

2.5 ≥ 4 ≥ ` 20.2 27.3 29.9 33.3 30.7 37.5 39.2 40.8 41.2 42.0 42.5 47.7 43.1 43.2 43.7 44.5 22.3 30.7 33.5 37.5 41.3 42.1 44.2 45.9 40.4 47.3 47.9 49.0 48.5 45.6 49.3 57.2 22.4 30.8 33.6 37.6 41.4 42.3 44.5 46.2 40.6 47.6 48.2 48.3 48.8 48.9 49.6 50.5 22.4 30.9 33.8 37.9 41.8 42.5 44.8 46.6 47.1 48.0 48.6 48.7 49.3 49.4 22.7 31.5 34.4 38.6 42.6 43.5 45.3 47.7 48.1 49.1 49.7 49.9 50.3 50.4 51.1 57.1 4700 23.2 32.2 35.3 39.7 43.8 44.8 47.1 49.7 49.5 57.4 51.1 51.1 51.7 51.8 52.5 53.4 133 23.8 33.0 36.2 40.7 44.9 46.0 48.4 50.4 50.9 51.6 52.5 52.5 53.1 53.2 53.9 54.8 24.2 33.6 35.8 41.3 45.6 46.7 49.1 51.1 51.6 57.7 53.3 53.4 53.9 54.0 54.7 55.6 24.8 34.6 37.9 42.4 46.8 47.9 50.4 52.5 53.1 54.1 54.6 54.9 55.4 55.5 50.2 57.1 25.6 35.5 38.9 43.5 47.9 49.6 51.5 53.7 54.3 55.3 56.1 56.1 56.7 56.8 57.5 58.4 20.2 36.7 40.3 45.1 49.7 50.8 53.5 55.7 50.3 57.4 58.1 58.8 58.9 59.6 60.5 733 :XX 6200 5290 27.1 38.0 41.8 46.6 51.3 52.5 55.3 57.6 58.2 59.3 60.1 60.1 60.7 60.9 61.5 62.5 28.0 39.1 42.8 47.8 52.6 53.7 56.6 58.9 59.5 60.7 51.4 61.4 62.1 62.2 62.9 63.8 4530 28.5 40.0 43.9 49.0 53.8 55.9 57.8 60.2 60.8 62.0 62.7 62.8 33.4 63.5 64.2 65.1 3500 28.8 40.5 44.5 49.7 54.5 55.7 58.6 61.0 61.7 62.8 63.6 63.6 64.3 64.4 65.1 66.0 29.4 41.6 45.7 50.4 55.9 57.0 60.1 62.6 63.3 64.5 65.2 65.3 65.9 66.0 66.7 67.7 300 29.8 42. 46.3 51.6 56.9 58.1 61.4 64.0 64.7 65.9 66.7 66.8 67.4 67.5 68.2 69.2 ≥ 75X 30.1 42.7 47.1 52.7 58.2 59.4 63.0 65.6 66.4 57.7 68.5 68.5 69.2 69.3 70.0 71.0 30.2 42.8 47.2 52.5 58.5 59 3 63.4 66.1 66.8 68.2 68.0 69.1 69.8 69.8 70.5 71.5 <u>≻</u> SY 30.5 43.7 48.1 54.0 59.9 61.3 65.0 67.6 68.4 69.8 70.7 70.8 71.5 71.6 72.3 73.2 30.8 44.1 48.8 54.8 60.7 62.2 66.1 69.9 69.8 71.3 72.3 72.3 73.1 73.1 73.9 74.8 200 ≥ ≥ 30.9 44.6 49.5 55.7 62.0 63.6 67.9 70.9 71.8 73.5 74.5 74.6 75.3 75.4 76.2 77.1 31.0 44.6 49.6 56.1 62.5 64.1 68.6 71.7 72.5 74.4 75.4 75.4 76.2 76.3 77.0 78.0 31.1 45.1 50.1 56.6 63.2 64.9 69.6 73.1 74.0 76.0 77.0 77.1 77.9 78.0 76.7 79.7 31.1 45.2 50.2 56.8 63.8 65.6 70.7 74.3 75.2 77.3 78.4 73.5 79.4 79.5 80.2 81.2 31.1 45.3 50.4 57.1 64.3 66.3 71.8 75.6 76.6 78.8 79.9 79.9 80.8 80.9 81.7 82.7 ov. 31.1 45.4 50.0 57.4 65.0 67.0 72.9 77.2 78.4 81.1 82.4 82.5 83.4 83.5 84.3 85.3 500 400 31.2 45.5 50.6 57.5 65.2 67.3 73.5 78.3 79.9 83.0 84.7 84.8 85.8 86.0 86.9 88.1 31.2 45.5 50.7 57.5 65.3 67.5 73.8 79.0 81.0 84.7 87.2 87.5 88.7 89.1 90.4 91.7 31.2 45.5 50.7 57.5 65.3 67.6 73.9 79.3 81.5 85.5 88.6 88.9 90.7 91.4 93.1 95.3 300 50.7 57.5 65.3 67.6 73.9 79.3 81.5 85.5 88.7 89.0 91.1 92.0 94.0 97.7 50.7 57.5 65.3 67.6 73.9 79.3 81.5 85.5 88.7 89.0 91.1 92.1 94.3100.0 45.5 ≥ 100 0

TOTAL NUMBER OF OBSERVATIONS 3154

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

### CEILING VERSUS VISIBILITY

23208

ACCLELLA'S AFE CALIFYSACRAMENTS

39-72

ÆC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS

1200-1400

23.4 31.4 34.5 37.8 41.4 47.1 43.5 44.9 45.1 46.1 46.6 46.6 46.7 46.9 46.9 39.1 42.9 47.2 48.2 49.8 51.5 51.7 52.8 53.2 53.3 53.4 53.4 53.5 53.6 30.4 20.6 36.6 39.3 43.1 47.4 49.2 50.0 51.7 51.9 57.0 53.5 53.5 53.6 57.7 53.8 53.9 37.7 39.1 43.5 48.0 48.9 50.8 52.5 52.7 53.9 54.3 54.3 54.4 54.5 54.0 54.0 54.0 27.5 37.8 40.0 44.6 49.2 50.2 52.2 54.0 54.3 54.3 55.8 55.2 55.9 56.7 56.1 56.2 38.7 41.5 45.5 50.4 51.5 53.5 55.3 55.6 55.6 57.1 57.1 57.2 57.3 57.4 57.5 39.9 43.0 47.1 52.1 53.2 55.3 57.1 57.4 58.5 58.9 59.0 59.1 59.2 59.3 25.1 28.9 29.4 40.6 43.7 47.9 52.9 54.0 56.2 58.0 58.3 59.3 59.0 59.9 60.0 60.0 60.1 60.2 30.0 41.5 44.6 48.8 54.0 55.1 57.2 59.1 39.3 60.4 60.9 61.0 61.1 61.1 61.2 61.3 30.7 42.4 45.6 49.8 55.1 56.2 56.4 60.2 10.5 61.5 52.0 62.1 52.2 67.3 52.4 62.4 31.5 43.6 47.2 51.5 50.8 59.0 50.3 62.7 62.4 63.6 54.6 64.1 64.2 64.3 64.4 64.4 CY. 32.4 44.9 48.7 53.2 58.7 59.9 62.3 64.1 64.5 65.6 56.1 66.2 66.3 56.3 56.4 66.5 33.0 45.6 49.5 53.9 59.4 00.5 63.1 65.4 65.3 65.4 56.9 67.0 67.1 67.1 57.2 67.3 ≥ 450° ≥ 430° 33.7 46.0 50.6 55.0 60.8 62.9 54.5 66.1 66.8 67.9 66.4 66.5 59.0 59.5 58.7 34.1 47.2 51.2 55.7 61.0 62.7 65.5 67.4 67.7 65.3 69.3 69.4 69.5 69.5 69.7 69.7 2 7500 2 3000 35.2 48.5 52.5 57.1 63.1 64.4 67.1 69.1 69.4 7°.6 71.1 71.2 71.3 71.3 71.4 71.5 36.1 49.6 53.8 58.5 64.7 66.1 65.9 7c 9 71.2 72.5 73.0 73.1 73.2 73.2 73.3 73.4 36.8 50.9 55.2 60.1 66.5 68.0 70.9 7 7 73.3 74.6 75.1 75.2 73.3 75.3 75.4 75.5 37.0 51.3 55.6 60.5 67.1 68.6 71.5 7 1.6 73.9 75.2 75.8 75.8 75.9 75.0 76.1 76.2 3000 230 37.7 52.5 57.1 62.3 69.1 70.7 73.9 3.1 76.5 77.8 78.4 73.4 78.6 78.5 78.7 78.8 38.2 53.5 58.2 63.6 71.1 72.7 76.1 72.6 78.9 80.3 80.9 81.0 81.1 81.1 81.2 81.3  $\frac{20}{30}$ 38.4 54.1 58.9 64.5 72.6 74.6 78.4 81.1 81.5 87.9 83.5 83.6 83.7 87.8 83.4 84.0 38.5 54.3 59.1 64.8 73.3 75.3 79.3 82 3 82.7 84.2 34.8 84.9 85.1 85.2 35.3 85.3 38.6 54.5 59.5 65.5 74.3 76.6 80.7 84.3 64.7 86.3 87.7 87.1 87.3 47.3 87.4 87.5 38.6 54.6 59.8 65.8 75.0 77.4 31.9 35.5 85.0 87.7 88.4 88.5 88.7 88.7 88.8 88.7 <u>≯</u> 2X 38.6 54.6 59.9 66.1 75.6 78.9 83.C 87.0 87.7 89.5 90.3 90.4 90.5 90.6 90.7 90.7 30.6 54.7 60.0 66.4 76.1 78.7 94.0 88.4 89.4 71.7 92.6 92.7 92.8 92.9 97.0 93.1 38.6 54.7 60.1 66.5 76.2 78.3 34.5 89.4 90.5 93.5 94.7 94.8 95.1 95.2 95.4 95.5 38.6 54.7 60.1 66.5 75.3 79.0 54.6 89.9 91.2 94.7 96.5 96.7 76.9 97.2 97.6 97.7 38.6 54.7 60.1 66.5 76.3 79.0 84.6 90.0 91.3 95.1 97.2 97.5 97.9 98.4 93.8 99.3 38.6 54.7 60.1 66.5 76.3 79.0 84.6 90.0 91.3 95.1 97.2 97.5 97.9 98.4 99.0 99.7 38.6 54.7 60.1 66.5 76.3 79.0 84.6 90.0 91.3 95.1 97.2 97.5 97.9 98.4 99.0 99.7 38.6 54.7 60.1 66.5 76.3 79.0 84.6 90.0 91.3 95.1 97.2 97.5 98.0 98.5 99.1100.0 :00

315

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE /MAC

## CEILING VERSUS VISIBILITY

23248

MCCLELLA: ATE CALIF/SACRAMENT. 29-72

JEC

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

4881 TY STAT TEM LES

1509-1700

CE MG	-								- •							
	2 ^	2 ¢	2	≥ 4	ž 3	≥.	≥:	<i>-</i>	2 .	2	•	٠,	•	* *	2 •	÷
े ५० वं , रहें	76.4	35.7	38.4	42.1	45.3	47.1	48.9	50.0	53.2	31.1	51.7	51.7	51.8	51.9	51.9	$5\overline{2}.\overline{0}$
2 .200.	- 2		44.				_									
> 2000 ≤			44.5													
≥ 6000	31.2	42.0	45.1	49.4	54.2	55.3	57.1	58.4	56.6	59.5	60.1	60.1	60.3	60.4	60.4	50.5
2 4000	31.6	42.6	45.8	50.2	55.4	56.3	58.6	59.8	60.0	61.0	61.6	61.5	61.8	61.8	61.7	62.0
≥ 2000			47.4													
÷ .000	33.2	44.9	48.2	59	58.3	59.4	61.8	63.2	63.5	04.4	65.1	65.7	65.2	65.3	65.3	65.5
2 9000			48.8													
≥ 8000			49.9													
≥ *000°			50.7													
≥ 6000			51.8													
≥ 5000			53.2													
≥ 4500	36.6	49.8	54.0	59.1	65.2	66.5	69.3	70.9	71.2	72.2	72.9	72.9	73.1	73.1	73.2	73.3
≥ 4000			55,5													
≥ 3500 ≥ 3000	37.8		56 N													
	30.5									76.8						
≥ 2500 ≥ 2000	39.2		58.1													
	39.6		59.4													
≥ 500 ≥ 500			60.4													
· · · · · · · · · · · · · · · · · · ·			61.4													
≥ 200	40.6		62.0													
≥ 900		56.8	67.1	68.8	77.5	79.4	83.6	86.0	80.0	67. R	88.5	88.5	88.7	88.8	88.8	89.0
≥ 800		56.9								89.2						
≥ 700	40.6		Ę. –	69.2	78.5	80.6	85.7	88.7	89.1	90.5	91.2	91.2	91.5	91.5	91.0	91.8
≥ 600	40.6	57.4								92.4						
≥ 500	40.7	57.								94.3						
≥ 400	40.7	57.2	62.7	69.7	79.5	81.9	87.7	91.7	93.1	95.2	96.3	96.4	97.0	₹ .1	97.2	97.4
≥ 300	40.7	57.2	62.7	69.7	79.5	81.9	87.7	91.9	93.4	95.6	96.9	97.1	97.7	37.8	98.0	98.3
≥ 200	40.7	57.2	62.7	69.7	79.5	81.9	87.7	91.9	93.5	95.9	97.3	97.5	98.2	98.4	98.8	99.2
≥ 100	40.7	57.2	62.7	69.7	79.5	81.9	87.7	91.9	93.5	95.9	97.3	97.6	98.3	98.5	98.0	29.6
≥ 0	40.7	57.2	62.7	69.7	79.5	81.9	87.7	91.9	93.5	95.9	97.3	97.6	98.3	98.5	98.	· 2.0
							-					-		_		

3105 TOTAL NUMBER OF OBSERVATIONS\_

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISICILITY

23208

MCCLELLA : AFE CALIF/SACRAMENTO

40-72

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1800-2000

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

SBUTY STATUTE MILES

CELNG																
*EE*	2	≥.	≥ €	≥ 4	≥ ₹	≥ ;	≥:	2	≥ .	2	2.4		<u>.</u> •		٠.	
אס כנונ אס	30 0	41 7	45.7	50 0	52.5	53 5	54 7	55 4	58.5	54 5	50. 6	50.6	54 0	56.9	57 7	57.5
> :000			48.0													
≥ 800×			48.3													
≥ '≁000			48.7													
≥ 4000			49.3													
≥ 2000		- 4	50.4										-			
> 2000			52.3													
≥ 9000			52.5				-									
> 8000			53.4													
≥ *000			54.4													
≥ 6000			55.4													
≥ 5000			57.0													
≥ 4500	38.7		57.9													
≥ 4000	39.3	53.9	59.2	64.7	68.4	69.7	71.6	72.4	72.6	73.6	73.8	73.8	74.1	74 - 1.	74.4	74.8
≥ 3500	39.9		60.1													
≥ 3000	40.6	56.2	61.7	67.4	71.3	72.6	74.6	75.6	75.8	76.9	77.1	77.2	77.4	77.4	77.7	78.1
≥ 2500	41.1	57.0	62.	08.4	74.0	73.8	75.9	76.8	77.1;	78.2	78.4	78.4	78.7	78.7	79.0	79.4
≥ 2000	41.6	57.8	63.7	69.5	73.7	75.1	77.1	78.1	78.4	79.5	79.8	79.8	80.0	80.0	80.4	80.8
≥ 1800	41.9	58.3	64.2	70.1	74.3	75.7	77.8	78.9	79.1	80.3	80.5	80.6	80.8	80.8	81.1	81.5
≥ `500			65.1													
≥ ¹200	42.8	60.3	66.3	72.6	77.2	78.6	80.8	81.9	82.1	83.3	83.5	83.6	83.8	83.8	84.1	84.5
≥ 1000			67.2													
≥ 900		61.1	67.6	74.3	79.6	81.0	83.2	84.4	84.7	85.8	86.1	86.1	86.4	86.4	86.7.	87.1
≥ 800	43.2		67.9													
≥ 700	43.2	1	68.2				84.7									
≥ 600	43.2						85.6									
≥ 500		61.5					87.1									
≥ 400			68.5													
≥ 300			68.5													
≥ 200			68.5													
≥ 100			68.5													
≥ 0	43.2	61.6	68.5	15.7	83.1	85.2	R8 . 8	91.7	92.6	94.4	95.1	95.2	96.0	96.1	96.7	00.0

TOTAL NUMBER OF OBSERVATIONS 3013

DATA PRUCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

## CEILING VERSUS VISIBILITY

23205

MCCLELLA' AFE CALIF/SACRAMENTU

41-72

JF C

# PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBLITY STATUTE MILES

2100-5300

C€.NG ,				<b>-</b>												
FEE*	> ^	≥ e	2:	≥ 4	≥ 3	≥.	2:	≥	• •	2	<i>-</i> •	20	,		٠.	•
NO SELNO	28.2	39.6	43.0	47.a	50.2	50.7	52.1	52.7	53.1	54.7	54.7	54.R	55.3	55.4	55.7	56.5
2 .700	29.3	41.3	44.8	48.9	52.3	52.8	54.2	55.1·	5>.2	56.5	56.9	57.0	57.6	57.6	58.J	58.8
> 800.	24.5	41.5	45.1	49.2	52.6	53.1	54.5	55.4	55.5	56.8	57.2	57.3	57.9	57.9	58.2	59.1
≥ ^000	29.6	41.7	45.2	49.3	52.7	53.2	54.6	55.5	55.6	56.9	51.3	57.4	58.0	58.1	58.4	59.2
≥ 4000	29.9	42.1	45.7	49.9	53.6	54.2	55.6	56.5	50.7	58.0	58.4	58.5	59.0	59.1	59.4	60.3
≥ 2000	30.6	42.7	46.5	51.2	55.a	55.6	57.1	58.0	58.1	59.4	59.9	60.0	60.5	60.5	60.9	61.7
≥ 3000	31.4	43.9	47.8	52.5	56.5	57.1:	58.6	59.6	59.7	61.0	61.5	61.6	62.1	62.2	62.5	03.4
≥ 2000	31.7	44.4	48.4	53.1	57.1	57.7	59.3	60.2	60.4	61.7	62.1	62.2	62.8	62.8	63.1	64.0
≥ \$3000	32.3	45.3	49.4	54.2	58.2	58.8	50.4	61.4	61.6	62.9	63.4	63.5	64.1	64.1	64.4	65.3
≥ 7000	32.9	46.7	50.4	55.2	59.3	60.0	61.6	62.7	62.9	64.2	64.7	64.8	65.3	55.4	65.7	66.6
≥ 6000	34.Q	47.5	51.7	56.7	6u.8	61.5	63.1:	64.3	64.4	65.7	66.2	66.3	66.9	66.9	67.2	68.1
≥ 5000	35.2	48.3	53.2	58.2	62.4	63.2	54.8	66.0	66.2	67.4	68.v	68.1	68.6	68.7	69.3	69.9
≥ 4500	36.0	50.q	54.4	59.4	63.7	64.5	56 · 1:	67.3	67.4	68.7	69.2	69.3	69.9	70.0	70.3	71.2
≥ 4000	36.8	51.0	55.4	60.6	65.0	65.8	67.5	68.8	68.9	70.2	70.7	70.8	71.4	71.4	71.8	72.7
تتحد ≥	37.6	52.0	56.6	61.7	66.2	67.0	68.7	70.0	70.2	71.4	72.0	72.1	72.6	72.7	73.0	73.9
≥ 3000										73.1						
≥ 2500	39.2	54.3	59.1	64.4	69.1	70.0	71.7	73.1	73.3	74.6	75.1	75.2	75.8	75.8	76.2.	77.1
≥ 2000	39.6	55.5	60.3	65.8	70.6	71.5	73.3	74.7	75.0	76.3	76.8	76.9	77.4	77.5	77.9	78.8
≥ '500	39.7	55.8	60.6	66.1	71.0	71.9	73.7	75.1	75.3	76.0	77.1	77.2	77.8	77.9	78.3	79.1
≥ '500		56.6	61.4	67.0	72.0	72.9	74.8	76.2	76.5	77.8	78.3	78.4	79.0	79.0	79.5	80.3
≥ 200	40.7	57.5	62.4	68.2	73.4	74.4	76.3	77.8	78.0	79.4	79.9	80.0	80.5	80.6	81.0	81.9
≥ 1000	40.9	58.0	63.0	69.1	74.5	75.5	77.4	78.9	79.2	80.6	81.1	81.2	81.7	81.8	82.2	83.1
≥ 900		58.2	63.3	69.5	75.0	76.1	77.9	79.5	79.8	81.2	81.7	81.8	82.4	82.4	82.8	83.7
≥ 800	41.1	58.4	63.5	70.0	75.7	76.8	78.7	80.3	80.5	81.9	82.5	82.6	83.1	83.2	83.6	84.5
≥ 70C	41.3	58.7	63.5	70.3	76.3	77.4	79.3	81.0	81.3	82.7	83.2	83.4	83.9	84.0	84.4	85.3
≥ 600	41.3			70.5	77.0	78.1	80.2	82.1	82.4	83.9	84.5	84.6	85.1	85.2	85.6	86.5
≥ 500			-1							85.2						
≥ 400	41.4		64.4		78.6	19.8	82.5	85.0	85.5	87.1	57.9	88.0	88.6	88.7	89.1	90.1
≥ 300	41.4	59.1	64.5	71.1	78.9	80.2	83.2	85.9	86.6	88.6	89.4	89.5	90.3	90.5	90.9	91.9
≥ 200	41.4	59.1	64.5	71.1	78.9	80.3	83.6	86.4	87.2	89.4	90.5	90.7	92.0	92.2	92.7	93.9
≥ 100	41.4	59.1	64.5	71.1	79.0	80.3	83.6	86.4	87.3	89.6	90.8	91.0	92.4	92.8	93.8	96.3
≥ 0	41.4	59.1	64.5	71.1	79.0	80.3	83.6	86.4	87.3	89.6	90.8	91.0	92.5	92.8	93.8	100.0

#### SKY COVER SUMMARY

The individual increments formerly reported in total sky cover of airways observations are no longer available from the source data from Jan 71 and later. Increments reported after 1970 are clear, scattered, broken, overcast, partial obscuration and obscured (0, 3, 9, or 10). Therefore, the sky cover summary for this station is limited to the period through Dec 70.

The second secon

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

- 1. By month and annual all hours and all years combined.
- 2. By month by standard 3-hour groups.
- NOTE: #1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.
- NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	3
3	14
4	5 6
5 6	6
6	8
7	9
8 (or obscured	) 10

DATH POCESSING AVECH ETALVISHE AIN ME THE SLOVIC / AC

SKY COVER

MECLIFICA OF CALIFYSACH OF TH 232.

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				VEAN	*C*AL
MONTE	(CST)	0	1	2	3	4	5	6 '	7	8	7	10	SKY COVER	~0 0* 08\$
Jr i	4.L	ر.قو	3.1	4.7	2.3	2.2	3.1	1.7	7.6	>	۲٠٥	٠.٤٠		10593
r <sub>r</sub> ,	<u>-</u>	39.1	3	٤٠٤	2.4	2.0	2.8	2.1	2.9	, د ۵	2.7	1 - 1 - 7	4.0	16928
·,		47.5	3.0	5.4	٤.٤	ء.د	3.4	2.5	3.7	5.9 j	3.,	32.1	[ +.U	15579
d'		47.4	4.8	5.0	3.3	3.3	3.6	2.≎	3.9	ا.د	3.0	17.1	2.4	17999
* 6 Y		54.3	5.1	6.4	3,1	2.9	3.3	2.7	3.0	4	4.7	12.2	2.7	13595
JL		64.7	5.8	5.0	3.4	?.2	2.5	2.2	2.4	۷.	ì • •	٥.٥	1.3	17996
alı.		31.>	ه.د	3.5	2.0	1.7	1.2	ا ذ 1۰	1.5	1.4	. 6	1.7	. 5	10598
۸۵۵		77.5	3.6	4.3	2.4	2.0	1.5	1.0	1.7	1.0	1.1	۷.2	1.0	1 <sub>3</sub> 593
SEP		75.3	4.2	4.6	2.2	2.1	2.0	1.5	1.8	2.00	1.3	3.4	1.2	17992
PCT		60.5	4.5	5.4	3.3	2.7	2.9	2.4	2.7	3.,	2.1	10.0	2.3	13592
ИСА		46.7	3.8	5.3	3.4	2.0	2.9	د و 2	2.5	4.,	3.0	72.3	3.7	17988
DEC		37,4	2.3	4.3	2.3	2.1	2.6	1.8	2.2	5.7	2.2	37.2	>.0	15591
101	ALS	55.5	4.0	5.1	2.8	2.5	2.7	2.1	2.5	3.8	2.2	10.8	2.9	219055

FORM NR 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

C

USAFETAC

DATE PRICESSING BRUICH ETYLINAF AIR FELTHER SERVIC /MAI

SKY COVER

PART PARTY SACRAMENT

15-13

JAH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FPEQUENC	OF TENTH	S OF TOTAL	SKY COVER				MEAN - TENTHS CF	*0*41 40 0F
MONTH	(1723)	0 !	,	2	3	4	5	6 .	7	3	Ŷ	10	SKY COVER	085 
Jv.	00-02	46.7	۷٠>	3.7	2.6	1.5	1.7	1.0	1.4	4.	1.3	31.7	4.2	2324
	13-05	45.0	2.9	2	1.5	1.5	1.7	i.a	2.0	4.1	4. '	`4.5	, 4.5	234
	ე6-ეგ	35.9	2.9	4.5	۷۰۱	1.5	3.ż	1.5	2.5	>	3.7	٤.٥٠	7.1	2324
	υ9-11	32.5	3.3	4.3	2.0	2,2	3.5	1.2	3.1	5.5	3.5	٠.,٥	5.4	2325
	12-14	32.4	3.5	5.1	2.4	1.9	4.4	1.7	3.2	0.3	4.1	14.0	>.2	2324
	15-17	31.0	3.8	0.2	3.3	٤.3	4.4	2.1	2.8	٥.,	3.4	33.5	>.0	2325
	18-20	39.1	3.3	0.2	3.i	3.5	3.0	1.5	2.8	5.2	1.6	29.0	4	2325
	21-23	45.5	2.6	4.3	2.2	2.2	2.2	1.6	2.3	5.2	1.1	30.5	2	2323
												Series de Series de la Series de Ser	<u>                                     </u>	
to	TALS	38.5	3.1	4.7	2.3	2.2	3.1	1.7	2.6	5.6	2.5	33.7	4.8	18593

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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DATE FOLC-SSING BROKEN ETANGULAF AIR MENIMER SERVIC / TAI

**SKY COVER** 

732 ICCLELLAY OF CALIFYSACKOMENTO

40-77

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STATION

STAT ON NAME

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGI	FREQUENC	Y OF TENT	S OF TOTAL	SKY COVER				VEAN	*****
MONTH	11.571	0	1	2	3	4	5	6	7	8	9	10	TENTHS OF SKY COVER	40 CF 085
F{ \	(0-03	49.0	2.3	4.7	1.6	2.6	1.3	1.3	2.4	4.1	1.0	27.0		2117
	J3-05	49.1	3.1	2.8	2.4	1.7	1.7	1.3	2.1	3.1	1.9	30.3	1.0	2114
	96-08	36.1	3.>	5.0	2.6	2.5	2.5	1.7	2.8	4.0	2.0	75.0	4.9	211
	∪9 <b>~</b> 11	33.2	3.3	ە.5	2.0	2.4	3.1	1.7	2.5	>.1	2.9	۵•8	>.3	2117
	12-14	32.2	3.1	5.5	4.4	1.9	4.1	2.5	3.3	4.5	3.5	37.1	>.3	2110
	15-17	32.0	3.4	6.7	2	2.9	4.9	2.7	3.7	4.7	5.1	32.5	3.0	2117
	18-26	38.2	3,9	6.5	3.1	4.0	3.4	2.9	3.9	5 <b>.</b> خ	2.5	20.4	4.3	2117
	¿1-23	47.2	3.1	5.1	2.0	2.0	1.8	3.0	2.6	4.4	1.6	25.3	3.8	2118
													Same	
10	TALS	39.7	3.3	5.2	2.4	2.6	2.8	2.1	2.9	4.5	2.7	31.7	4.6	16928

USAFETAC RIGH 0-9-5 (OL A) PREVIOUS EDITION OF THIS FORM ARE DESOLETE.

DATA POLICESSING BROKEN FINE/CSAF AIR REATHER SERVIC / PAC

**SKY COVER** 

1370 MULLIFULA I CALIFYSOS DAMENT.
STATION NAME

40-71

HI O

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGI	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				WEAN	'0'AL
	' (LST)	0	1	2	3 ;	4	5	- 6	7	8	ş	10	SEY COVER	70 CF 285
An-	u0~0z	53.5	3.1	4.7	3.5	2.0	2.3	2.2	2.0	4.	1.4	19.4	3.4	232
	J3-05	52.8	3.2	5.2	2.7	2.7	2.6	2.1	2.8	4.	۷.1	19.)	3.3	232
	o6-08	39.3	3.2	6.2	3.3	3.0	3.7	2.5	4.0	5.,	3.6	25.2	4.3	232
	09-11	35.€	3.4	5.7	2.9	3.4	3.9	2.3	4.1	6.3	4.1	27.7	4.7	232
	12-14	33.5	3,9	6.3	2.8	3.1	3.8	3.4	4.6	0.5	4.2	27.3	4.8	232
	15-17	33.1	4.3	6.1	3.1	3.3	5.2	3.0	4.4	5.7	4.4	27.2	4.7	232
	18-20	38.0	4.5	7,9	4.8	3.7	2.9	2.7	4.0	٥.٤	2.6	23.0	4.0	232
	21-25	51.0	3.3	5.u	3.1	3.0	3.0	2.5	3.0	4.4	1.2	19.3	3.3	232
													-	
το	TALS	42.3	3.6	5.9	3,3	3.2	3.4	2.0	3.7	5.4	3.0	23.7	4.0	1859

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

TATA PROCESSING ARPORES ETHORSAR AT THE SHER SERVIC MA.

**SKY COVER** 

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2222 HUCCIELLA OF CALIFYSACKARFATU

46-73

STATION

S'A' ON NAME

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## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	IS OF TOTAL	SKY COVER		<u>-</u>		WEAN	*O*A.
MONIA	(LST)	0	1	2	3	4	5		,	8	0	10	ENTHS OF EY COYER	735 735
AF ~	00-02	62.1	5.7	4.5	4.4	3.3	1.0	2.,	٠.0	3.	1.3	12.3	٠.4	22>
	03-05	56.1	4,4	5.0	3.1	2.7	2.0	2.3	3.2	4	1.0	13.4	د و ق	2250
	06-0d	44.3	4.0	5 <b>.</b> s	3.4	2.3	9.ذ	2.7	4.0	٥.,	3.4	18.7	2.7	2250
	J9-11	41.6	4.5	5.9	2.9	2.9	4.4	2.>	4.0	5.5	4.3	20.5	4.0	2250
	12-14	37.7	5.1	5.6	2.6	3.3	5.5	3.5	5.1	0.5	5 <b>.</b> 1	7 ) • 1	4.2	2250
	15-17	37.1	>.2	6.2	3.9	3.0	4.7	3.2	4.4	5.,	4.7	21.4	4.2	2250
	18-20	40.7	5.9	ö.1	4.0	4.5	4.0	3.2	4.0	4.9	2.3	18.3	٥.٥	2256
	21-23	56.7	5.1	4.5	4.0	3.5	2.4	2.0	3.2	4.7	1.5	11.3	2.6	224
		i								-				
10	TALS	47.4	4.8	5.8	 3. i	3.3	3.6	2∙8	3.9	5.1	3.0	17.1	3.4	17999

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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CATH PROCESSING BAY CH ETACKESAF AIR HEATHER SERVIC /MAC

**SKY COVER** 

2020 HULLELLA OF CALIFYSACRASFIT STATION STAT ON YAVE

46-77

444

PERCENTAGE FREQUENCY OF OCCURRENCE

IFROM HO'JRLY OBSERVATIONS'

MONTH	; ⊶ours				PERCENTAGI	FFEQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				VEAN	*O*A.
	-( S T 1 ;	0	1	2	3	4	5	6	7	9	9	10	SEY COVER	>0 0° 085
۴ŁY	50-02	69.9	3.5	4.,	i.9 i	2,4	1.2	1.4	2.2	2.5	1.3	4.4	. 1.5	232
	23-02	59.1	5.4	6.3	3.4	υ.১	ر ۽ ڏ	2.1	3.1	3	1.7	i1.1	: 2.4	232
	-06-03	50.1	2.6	6.9	3.1	2.7	3.4	2.5	3.0	>	3.,	13.2	3. )	232
	9-11	51.3	4.3	5.1	3.3	3.7	4.2	2.7	3.1	4.2	3.1	12.5	3.1	232
	12-14	47.7	5.2	6.3	2.6	4.ز	4.0	3./	3.7	4.3	4.0	14.5	3.3	232
	15-17	45.1	٥.٧	7.9	3.5	3.0	4.0	3.6	3.5	٥.،	3.4	13.3	3.3	232
<u></u>	18-20	47.7	0.2	9.1	4.2	3.5	3.6	2.4	3.5	4.3	2.9	12.5	2.9	232
	71-25	63.7	4.5	5.7	2.6	2.5	3.1	2.0	2.2	3.4	1.2	5.6	2.0	232
								deaden,—					- Parameter	
													- Management to the state of th	
101	ALS	54.3	5.1	6.4	3.1	2.9	3.3	2.7	3.0	4.2	2.7	12.2	2.7	1859

DATA + CESSIA REAR FILL/U AF Al- 40 100% 369 (10 / 4)

**SKY COVER** 

MUCLELLA II CALIFYSACHAMINT 326 STAT ON NAME

46-7

STATION

PERCENTAGE FREQUENCY OF OCCURPENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				* VEAN	°O*A⊾ N© OF
MONIN	. asti	0	1	2	3	4	5	6	7	8	۰	10	547 CD-E8	
J	:0-Cz	75.3	3.6	3.0	٤.7 ,	1	1.2	1.7	1.5	1.1	1.2	٧. ١	1.1	276
	13-05	67.7	ا د. ه	4.5	ن.د	2.4	1.6	2.6	2.i	2.5	1.6	٤.1	1.7	2745
	36-06	62.5	5.1	5.∪	3.3	2.0	2.2	1.8	2.4	4.1	2.4	٠٠, ٤	2.1	224
	u9-11	64.1	5.9	6.0	2.8	2.0	2.7	1.0	2.5	1.5	۷.۰	c . 7	1.9	4256
	12-14	60.7	۶.۶	6.0	3.0	2.0	3.4	2.0	2.3	3.2	2.4	7.8	٤.1	2756
	15-17	54.4	1.0	7.4	4.8	2.9	3.9	3.0	2.5	3.7	2.6	6.7	4.3	2250
	13-20	57.6	ć.8	7.4	3.7	2.9	3.2	2.8	4.0	3.4	¿.5	_5.7	2.1	225
<u>-</u> -	21-23	72.9	5.1	4.6	3.3	1.5	1.9	1.0	2.1	1.9	.9	3.7	1.3	2259
								-			_			
10	TALS	64.9	٤.٤	5.6	3,4	2.2	2.5	2.2	2.4	2.6	1.9	6.6	1.8	1799

FORM AT 44 0-5-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. USAFETAC

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PATE FOLGES-ING PRESCO. ETGC/USAF AIR REATHER SERVIC / AC

**SKY COVER** 

2021 MCCLELLA NE CHLIFTS-CKAMENT

46-7

A\*10% \$\*A

S.T OF FIRE

PERCENTAGE FREQUENCY OF OCCURRENCE IFPOV HOURLY OBSERVATIONS

MONTH	HOURS !	l			PEECENTAGE	FFEQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				944N - 14N1H5 31	101A. NO 01
MONIF	15T.	0	1		3		5	6	;	á	¢	10	SKY COLFF	285
Jti	90-02	39.7	2.,	1.:	1.0	• 8	<u> </u>			.,	. 4	:	• 5	2325
	J3-95	43.7	3.2	3.1	1.5	1.7	.)	1	1.3	1.	• >	<u> </u>		232
	00-05	79.6	3.4	3.>	1.7	1.5	1.4	1.0	1.5	. č • '9	1.4	1.,	1.9	2324
	i09-11	80.4	3.1	3.2	2.1	2.3	1.5	1.5	2.0	1	• 9	1.5	. 4	. 32
	12-14	79.4	3.7	3.4	2.0	1.9	1.8	1.4	2.2	1.5	.8	1.2	•9	232
	15-17	76.3	٥.٥	5.3	2.5	2.5	1.6	1.9	1.3	1.2	•6	1.2	. 9	2324
	18-2e	77.6	5.0	5.1	3.0	1.8	1.5	1.1	1.3	1.5	1.2	.9	,9	232
	21-23	86.0	3.5	2.5	1.7	1.1	.4	.9	.9	.3	5	1.1	.>	232
			_					derinhence op	<u> </u>				3	<del></del>
		town in the second						and the state of t						
10	TALS	81.5	3.6	3,5	2.0	1.7	1.2	1.3	1.5	1.4	.8	1.4	.8	1859

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EXITIONS OF "MIS FORM ARE OBSOLETE.

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ATA F . C SOL + #R + # FTY / FF March + MP SCENIC / A

**SKY COVER** 

C

Millella or Chest/Suint 300

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

MONTH	HOUTS				atice, "You	***GUENC	4 OF TENT-	S OF TOTAL	ser cover				V*45	
	:5.	•	<u>:</u>	- 1	3	4	5	•	•			1.5	A1 201	3
áç.	ر ۱۰ - د -	÷7.	2.1	د . 2	i	د.1	٠,	1	1.2	1.	• ·	. • 2	. 3	. 32
	l⊎ <b>3-</b> 05	٠2.5	2.7	3.5	2.0	1.>	1.0	1.1	1.2	1.	1.7	۷.,	• ÷	232
	1 1,5-5-	72.5	4.1;	۶.۶	3.1	2.1	1.7	1.4	1.9	1.	1.7	3.3	3	ر ۶۷
	-9-11	75.>	4.4	4.2.	2.2	1.9	1.5	1.7	7.1	ć.,	1.5	2.5	غ٠٠٤	232
	12-14	75.5	3.3	4.4	2.9	2.7	1.9	2.2	i.o	2	• 5	ز د د		232
	15-17	72.5	4.5	5.4	2.5	2.1	2.2	2.2	2.3	4	1.7	2.2	?	232
	18-20	72.5	5.7	5.1	3.1	2.4	2.0	1.7	2.1	2	1.	1.3	1.1	232
	i 21-2∍ i	ā.£ē	3.4	3.5	1.9	1.5	1.0	1.0	1.2	• •	. 3	1.4	.5	232
<del></del>		1111-02791 GOA # MUNICIPAL GOA			-	and a			2				· · · · · · · · · · · · · · · · · · ·	
					i e			9	3 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8				:	
	TALS	77.8	3.8	4.3	2.4	2.û	1.5		1.7	1.6	4		1.0	

USAFETAC FORM R. 44 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLUTE.

C

DATA PALCESSING BROWN FILL ALE AF ALL ALTHUR SERVIC / AL

**Y COVER** 

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MUCLELLA "F. CALIF/SACKAN IT. 1326

STATION NAME

#### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS"

MONTH	HOUPS	_			PERCENTAGE	FREQUENC	Y OF T NTH	S OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL
MONTH	(LST)	0	1	į.	3	4	5	6	7	8	9	16	SAY COVER	40 or
527	00-0.	85,,	2.0	2.1	1	1.3	1.1	. 1	1.3	1	. 3	4	<u>.</u>	2243
	93-05	e7.	2.4	3.2	1.2	1.2	1.4	1.6	1.3	1.	٠, ٣	3.7	1	2250
	16-0×	59.7	٤.د	5.5	1.9	2.4	2.2	1./	2.3	2.3	2.0	4.1	1.>	2750
	09-11	71.9	4.7	4.7	4.4	2.2	2.6	1.7	1.9	1."	4.4	٤٠. د	l ., 4e	2249
	12-14	70.2	٥,٥	5.6	2.4	2.2	2.5	2.0	2.5	2.2	1.5	4.3	1.5	2250
	15-17	67.5	٥. د	6.5	3.0	2.8	2.7	1.9	2.0	2.4	2.1	3.0	1.5	2248
	18-20	70.3	5.0	6.5	3,3	2.6	2.0	1.>	ž.i	2	1.6	2.0	1.3	2247
	21-23	82.8	2.5	3.2	2.0	1.7	1.2	1.2	1.2	1.7	.2	2.0	.8	2250
				1										
	<u> </u>													
10	TALS	75.0	4.2	4.6	2.2	2.1	2.0	1.5	1.8	2.0	1.3	3.4	1.2	17992

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. USAFETAC

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TATA ) C SSING W (M FI // WF AI or 10 K SESIL / A

SKY COVER

ZC "CCLFLLA O CALIFYSACKA FAT.

5-17

STA\*ION

STATICH NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PEFCENTAGE	FREQUENC	r of tenth	S OF TOTAL	SKY COVER			_	MEAN TENTHS OF	101A.
MONTH	(1571	0	1	2	3	4	5 ,	6	7	8	9	10	SKY CO ER	085
١, ٠	30-3,	74.4	3.1	3	2.4	1.6	1.6	1.0	2.0	1.	1.1	1.3	1.5	2324
	03-05	74.4	2.5	3.1	2.0	2.2	1.5	1.	1.2	1.3	• 0	9,5	1.0	232
	J6-08	54.7	4.6	5,0	4, و	2.7	3.1	2.0	ز. (	3.3	2.1	13.0	2.8	2324
	09-11	54.0	4.0	5.≥	3,4	3.2	3.7	2.5	2.5	3.7	٥, ف	13.1	2.3	2524
	12-14	50.9	5.9	5.5	3.7	۲.۰۶	۶.9	3.3	3.5	4.0	3.2	13.5	3.0	232
	15-17	48.5	5,9	7.7	4.7	3.0	4.6	2.9	4.1	3.4	3.3	12.5	2.9	232
79.11	13-20	57.3	5.0	7.9	4.3	3.7	2.6	2.6	2.8	2.5	1.8	5.3	2.2	232
	21-23	69.0	3.9	4.9	2.9	2.5	2.0	1.7	2.1	2.5	•9	6.0	1.6	232:
10	TALS	60.5	4.5	5.4	3.3	2.7	2.9	2.4	2.7	3.0	2.1	10.0	2.3	1859

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

O

TATE PROCESSING ARRICH CTRUVE AF AIR RECHHER SERVIC / AR

SKY COVER

SEC MODEFULA SE CALIFYSACRAMENT.

45-11

STA"ION

S'A' ON NAME

PEPCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PFRCENTAG	LOUENC	Y OF TENTA	is of total	SKY COVER	_			. WEAN	*O*4L
MONTH	(LST)	0	1	2	3	4	5	٥	7	8	ý	10	- 1671-5 OF	NO 01 085
*4	20-0/	57.3	د.و	4,4	2.7	1.5	1.5	1.7	· · · 1	3	1.0	11	5 <b>.</b> J	2249
	v3-05	54.2	2.3	3.4	۷.9	1.7	1.9	1.7	1.0	з.	1.9	77	<u>}</u>	2240
	16-06	40.4	3.0	٥.٥	3.5	3.1	2.8	2.3	ا ن. ز	5.3	4.c	23.4	. 4.2	2247
	υ9-11	38.9	4.0	4.0	3.5	3.1	3.6	2.4	2.9	٠,٠	4.5	26.3	4.4	2247
	12-14	38.0	4.9	4.9	4.3	4.0	3.7	2.1	3.2	(، ر	<i>3.</i> 9	25.0	4.3	2248
	15-17	36.4	4.4	7.5	3.9	3.2	3.8	3.0	3.5	د.ه	4.4	23.0	4.3	2249
	18-20	48.1	3.7	5.7	3.6	3.1	3.1	2.7	3.2	4.5	2.4	19.7	5.5	2250
	21-23	55.6	3.7	5.>	2.8	2.0	2.4	1.8	2.5	4.2	1-2	10.2	ب و د	2249
									And and and and and and and and and and a					
то	TALS	46.7	3.8	5.3	3.4	2.6	2.9	2.3	2.8	4.8	3.0	22.3	3.7	17988

(ATA F) COSSIAS BROKE +T J/C AF -I - CTTTR SESVIC / A

SKY COVER

1329 MICLELLA 11 CALIFYSACKA .T. 40-

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ніиом	HOURS				PERCLNTAGE	FREQUENC	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN	*C*4i
	(1.5.1)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO 08 085
<b>C</b> <	10-05	44.,	2.2	3.1	2.2	1.7	1.3	1.5	i.4	3.0	1.1	35.2	. 4.5	2323
	03-05	44.2	1.1	1.9	1.>	1.0	1.4	1.>	2.0	>. •	1.5	34	4.3	2725
	a2-c6	33.5	2.3	3.→	2.1	2.3	2.3	1.0	1.0	٠.۶	2.2	41.5	>.5	2324
	09-11	30.6	1.9	4.7	1.7	2.3	<b>∤.</b> 0	1.3	2.6	6	6.9	42.4	5.7	2324
	12-14	29.3	2.5	4.7	2.5	2.2	7.3	2.4	2.6	٥.	3.0	38.7	7.5	2324
	15-17	31.2	2.9	5.9	2.8	3.7	4.5	2.1	3.5	5.5	2.9	35.1	5.2	2325
	18-26	40.2	3.1	5,:	3.5	2.5	2.4	1.5	1.7	4.3	1.5	34.0	4.5	2323
	21-23	45.0	2.2	4.9	1.9	1.4	1.8	1.5	1.6	4.5	1.8	33.3	4.4	2322
;o;	TALS	37.4	2.3	4.3	2.3	2.1	2.6	1.8	2.2	5.7	2.2	37.2	5.0	18591

USAFETAC FORM 2-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### PART E

#### PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

- 1. Cumulative percentage frequency of occurrence derive? From daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
  - a. Daily maximum temperatures
  - b. Daily minimum temperatures
  - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- 2. Extrest values derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
  - a. Extreme maximum temperature
  - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- \* indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

  This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:
  - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.
    - NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.
  - b. Sta istical data for the individual elements of relative humidity, dry-bulb, vet-bulb, and dev-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares  $(\Sigma X^2)$ , sums of values  $(\Sigma X)$ , means (X), and standard deviations  $(\sigma x)$ . The number of observations used in the computation for each element is also shown.
  - c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.
    - NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by macnine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
  - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
  - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

PATA PPUCESSING BRINCH
USAF ETAC
ALF RESTRIC SERVIC MAC
23200 MCCLELLA AFB CALIF/SACRAMENTO
STATION NAME

### **DAILY TEMPERATURES**

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

30-72

YEARS

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	TEMP (*F)	JAN	FEB	MAR	APR	MAT	JUN	JUL	AUG	SEP	<b>Э</b> СТ	NOV	DEC	ANNUAL
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1	100					• 8	15.3	22.0	2.5	5.5	, .			4.5
=	55 T					4.7	22.4	49.9	39.9	21.3	1.7		-	11.7
5	<del>3</del> 5 -		•		7.70	14.5	39.4	78.0	69.3	47.3	6.5		-	21.0
Ţ	ಕೆಕೆ -		•	•	7.3	28.0	59.4	91.5	84.4	64.8	19.1		-	29.6
-	<u>š</u> j -	-	•	T.6	20.4	47.T	80.1	97.3	95.7	83.4	37.8			29.0 38.0
; = - >	75	77	. 3	10.5	35.9	66.3	92.5	99.3	95.9	<del>- 54.5</del> .	60.5	P.3		47,2
>		• • •	7. á"	25.3	55.E.	84.1	97.5	99.8	99.8	92 6	8C 3	20.3	ំភ្នំ -	55.8
<del>-</del>	63 <b>-</b>	2.5	17.5	47.0	76.1	- 5' è.		100.5		<u>99, a</u>	93.5	47.2	5.5	54.9
>	- 65 -	15.8	51.9	74.5	89.4	98.7	99.7		-03.	100.0			19.1	76.5
\ <u>-</u> -	<del>55</del> -	41.9	81.7	93.3	97.2		100.0				100.7		46.4	87.5
Σ_		73.6	94.5	98.8		To0.5		•	-			95.0.	72.0	94.7
	45	90.9	99.4	100.0	100.0			•		•		95.5	•	98.4
≥ .	40 -	98.1	100.0		•			- · •	•	·		100.0		99.7
≥	35	99.7					·			•		·	99.7	99.9
≥	30 -	100.0		· · ·•			·		· <del></del>				99.9	100.0
≥	25					<del>-</del>		<b>-</b>	• •		•	· <del>-</del>	100.0	100.0
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-	MEAN	6.220			71.2		9,159			8.049			53.6	73.5
<u> </u>	S.C	1029		1023	990	1022		- 1	1023				·	10.064
<u> </u>	TOTAL OBS.	1029	7331	1023	7701	1022	770	TOZO	1023	989	1023	1012	1054	12105

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

DATA PRICESSING BRANCH USAF ETAC AIP WEATHER SERVICE/MAC

**DAILY TEMPERATURES** 

MCCLELLAN AFE CALIF/SACRAMENTU STATION NAME

232US

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

39-72

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	TEMP . F.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	001	NOV	DEC	ANNUAL
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:	<u>6</u> 3	-T T-			5 - A	5.6	24.5	52.1	48.7	$\frac{33.1}{3}$	4.3	, . 2.	_• 2 .	14.1
•	<u>55</u> -	1.4	1.5	1.3	5.9	25.4	66.7	93.2	92.1	73.8	26.8	4.6	1.2	32.0
=	<u> 50 - </u>	7.0	12.5	19.4	30.8	72.5	95.4	99.9		95.4	66.0	21.9	7.3	31.0
	45	22.3	30.7	43.1	69.8	94.3	99.7	100.0	100.0	90.2	<u>8</u> .5	45.6	22.6	08.0
	4,2	41.4	\$5.3	76.5	92.4		100.0			100.0	97.1	72.8	48.1	82.3
:	<u>25</u>	06.9	87.5	94.3	99.5	100.0					99.7	93.5	76.9	93.1
:	33	76.1	92.8		100.0				-		\$9.9	96.3	$\frac{55.3}{57.2}$	95.6
: :	30	38.1	<u>₹.</u> [	99.2	_ •						100.0	98.8	94.8 99.0	98.
	25		100.0	T00.0							•	100.0		
<u> </u>	20	100.0			- ·- ·	•	-	· <del>-</del>		· •			99.8	100.0
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	5	——— <del>-</del>	<del>:</del>		<del></del>	<b>-</b>					<del></del>			
=	MEAN E	38.2	41.5	43.2	46.A	51.8	38.8	60.4	39.7	57.5	-51.1	43.8	37.5	49.
	S.D.	7.309								5.014				9.56
	J. U. E	4-4-												1210
	TOTAL OBS	1023	933	1023	990	1022	990	1023	1023	9841	1023	1012:	1004	121

**DAILY TEMPERATURES** 

DATA PRUCESSING BRANCH USAF ETAC AIR #EATHER SERVICE/MAC 23203 ACCLELLA - AFO STATION STATIO

MCCLELLA - AFO CALIF/SACRAMENTU STATION NAME

39-72

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS;

MEAN

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≥	გე -	•	•		•	$\overline{2},\overline{1}$	14.7	33.0	26.4	14.3	. 5	•	•	7.
	75	•	•	•	•2	8.3	37.7	70.8	61.7	37.3		•		17.
	70		•	•	5.2	25.7	07.4	93.5	89.5					30.
	<u>.</u> 5	•	- 1	1.9		52.9	80.2		99.3			3.5		42.
	60	1.2	3.3	15.5	47.8	34.3		100.0				14.8	· =	54.
<u> </u>	35	7.2	20.8	47.T	77.3				130.0			14.5		
			ZU+0			97.1	79.9 100.0			100.0	95.2	44.7	8.4	<u> </u>
	50	26.6	59.4	50.4	94.6		100.0		. ,		99.5	78.9	32.3	Ξō.
	45	57.3	35.3	97.7		100.0					100.0	95.6	62.8	91.
	40	87.C	98.7	99.9	100.0					_		99.9		93.
	35		100.0	100.0	_	_	•					100.0	99.1	99.
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MEAN		45.8	50.5	34.0	22.5	02.5					04.2			61.
\$. D.	1							5.205					5.391	
OTAL OS	s	1023	933	1023	990	1022	330	1023	1023	686	1023	1012	1054	1210

USAFETAC AX 64 0-21-5 (OL 1) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0172 1226-5311 - 15 Jr 7546/5746/74 4 41- 41 132 523/16 /245

### **EXTREME VALUES**

FROM DAILY GESEPVATIONS

STATION NAME STATION

ENGLISH OF THE

MONTH YEAR	JAN	FEB	MAR	%₽R	MAY	אטנ	זטנ	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
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7.	ė	.7	75	07	<b>j</b> 4	1,5	11:-		2.4	, 1	;7	, <b>s</b> .	1!
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.4		څن			73			1.7	111		~ G		
- <u>-</u>	<u></u>	<u>خ ن</u> تور	<u>b!</u> -	<u>01</u> <del>4</del> 2	75	121	$-\frac{162}{113}$	1.7	11		.2	<u> </u>	
. )	9-	5 ব	/3	13	44.	1,2	.04	157	,7	, 1	Ą	1	l.
-7	÷.	74	73	70	162	103	134	1.	17			_ <del></del>	i
	_	60	7.3	óΩ	57	160	168	30	11	73	73	1.	
13	<u>83</u> 53	66	71	65	44	1∪3	151	7,	<del>1-1</del>		: 4	<del>- ,<u>व</u>्</del>	I
	6 3	72	80	9u	12	ĮĴĢ	108	117	117	γs	×0:	* inver	1
اد ا	51	64	5.3	94	161	101	107	15	lul	53	79	7 =	1'
-	4.4	71	<u>56</u>	6.3	97	78	165	102	164	y 2·	, 3	. 7 .	4
- <del>/</del>	0.3	71	82	0.3	3.7	90	105	107	133	94	77	J.3.	1
5 J	01	12	75	÷0	95	155	106	7.5	97	ہے ہے	73	- ? }	11
55	54	56	82	<b>51</b>	35	103	102	165	157	63	.1	2 [	1
٠6 :	57	οž	77	85	96	196	105	100	ý Q	٥٠٩	12	, and attain	1.
<del>- 10</del> + <del>-</del>	61	73	63	F 3	95	167:	104	103	104	- إد ق	121	.71	1
12 P	źΪ	71	ဝဗ	š7	95	99	103	153	164	اء ن	t 2:	7.3	1:
79	57	72	78	313	92	105	103	163	5-5	60	75	775	1
<b>√0</b> (	64	०३	8 ජ	٥4	97	108	107	104	93	- 4:	# 3 <sup>1</sup>	121	1
51 7	07	67	74	87,	6.3	110	109	11.5	95	94	73		1
ъ2 į	75	60	74	37.	० म	101	102	192	4.5	상시	76	+ 1 E	1
<u>02</u>	63	75	79	74	<u>6</u> 1€	100	103	101	1(2)	97:	70	22	1
U4 I	52	74	78	87	ខផ្	104	104	102	1.71	940	7 2	∍7∮	1
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26	64	73	79	91	99	105	107	105	96	- 67	72	54	11
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USAF ETAC FORM 0-88-5 (OU)

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# EXTREME VALUES

FROM DARY OBSERVATIONS

STATION STATION NAME STATION NAME

TEARS

HALL STOYETS FASTER SIT

YEAR	JAN	FEB	MAR	APR	MAY	אטנ	JUL	AUG	SEP	ОСТ	NOV	DEC	ALL MONTHS
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- <del>-</del> -	24.	2 <u>4</u> 14	73 75	<u></u>	11.	- 1 <u>-1</u>	<u> 103</u>	100	= 1.1	1 - 2	15. 15.	3	<u>:</u> ·
. 1	\$ .			<b>3</b> -7	7	: 17	103	1.3	· . ×	>:			1.
: - ·	<i>5</i> 7	7]	άŹ	<u> </u>	33	. 1.13	115	1.3	¥ °	- * 	. 2		11
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										1			
MEAN	53.4	68.9	77.1	65.1	74.5	102.2	105.3	103.2	100.5	91.4	75.4	54.2	IJG.
S, D.				5.910	4.757	3.658	3.007	3.199	4.770			4,583	2.77
OTAL OBS. }	1023	933	1023	990	1022	590	1023	1023	384	1023	1912	10548	1217

**EXTREME VALUES** 

FROM DART OBSERVATIONS

STATION NAME

PEARS

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USAF ETAC FORM G-88-5 (OU)

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DATA PLACESSING BRANCH USAF ETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVIC. / PAC 232un MCCLILLA - AFC CALIF/SACRA, IENT )
STATION NAME 39-72 ALL HOURS 1.. S. 7. WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 z 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin . 2 1.9 1.3 12211123371962128149 48/ 47 ٠. . 1 • • • 46/ 45 11536116331775426255 44/ 43 <u>\$207 93911739023269</u> . خ .3 1.0 • 0 • 4 42/ 41 7872 71301188320053 40/ 39 6377 6424 373516009 1.2 • 5 . . . 0 4356 4349 093413813 38/ 37 .9 . 0 36/ 35 . ປ .0 3083 3096 484911655 . 2 34/ 33 1857 1994 3152 8409 32/ 31 .0 1225 1244 2103 5430 • 4 30/ 29 10) 1151 28/ 27 330 . 0 354 665 2632 • 1 • 0 · U 279 2227 26/ 25 145 153 .0 . 0 . 0 ·e 52 50 117 1470 24/ 23 • 0 .0 909 22/ 21 51 20/ 19 524 345 18/ 17 47 16/ 15 107 14/ 13 73 12/ 11 10/ 50 3/ 44 28 6/ 41 3 9 12 0/ -1 -2/-3-4/ -5 -6/ -7 TOTAL 3.319.616.612.3 9.5 7.9 6.3 5.1 4.1 3.4 2.9 2.3 2.0 1.6 1.2 .9 1.0 201094 281094 2811001 Mean No. of Hours with Temperature Element (X) ZX SAFETAC 1241655076 17562426 62.522.656 281068 267 F 273 F 280 F Rel. Hum. ± 32 F ≥ 93 F 1108127204 60.714.943 17202512 78.32718.21852.31136.2 281.5 8760 Dig Bulb 283213 14702212 791056032 52.3 8.866 281100 138.8 399.2 15.0 8760 Wet Bulb 12760914 345.4 3.018 597383110 281094 .3 625.5 8760 1.2 Dew Point

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DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

MCCLELLA - AF" CALIF/SACRAMENTO

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# **PSYCHROMETRIC SUMMARY**

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Dry Bulb Wet Bulb		~ <u>~X</u> ,		<del>                                     </del>	• X	+	<del>~                                    </del>	· · ·	-	No. Ubs.	7-2		<del></del>	-							_
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DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR MENTHER SERVICE / MAC HCCLELLA - /F: CALIF/SACRAMENT: ALL HOURS (E. S. T. WET BULB TEMPERATURE DEPRESSION (F) 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14-15-16-17-18-19-20-121-22-23-24-25-26-27-28-29-30 - 31 D.B. W.B. Dry Bulb Wet Bulb Dew Por 4/ 21 6/ -1 -2/-3TUTAL 23132 23598 13.340.426.310.3 5.3 2.0 1.0 .3 .1 .0 **(**: õ Element (X) ZX2 No. Obs. Mean No. of Hours with Temperature 81.115.372 45.1 7.755 23127 157713072 1876664 Rel. Hum. ±0F ± 32 F ≥ 67 F ≥ 73 F ≥ 80 F ≥ 93 F 1069454 Dry Bulb 49638060 23698 43.5 -5 744 42528081 42.3 6.951 Wet. Bulb 978749 23133 67.7 744

Dew Point

36836951

904095

39.1 8.056

23132

.2 141.3

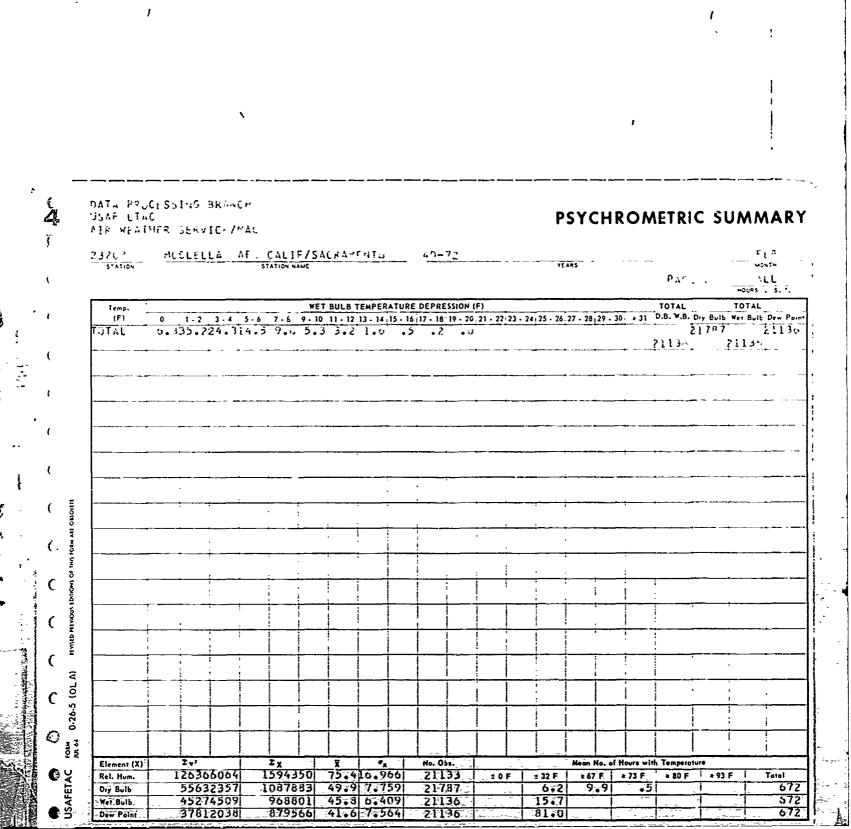
BATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICEAMAC

Wet Bulb Dew Point MCCLELLA: AFS CALIFISACRAMENTO STATION NAME

#### **PSYCHROMETRIC SUMMARY**

											PAGE	. 1	A SPACE	L L.
Temp			WET BULB T	EMPERAT	URE DEPF	ESSION	(F)				TOTAL		TOTAL	-
(F)	0 1-2 3-4	5-6 7-8 9						- 24: 25 - 26	27 - 28:29	- 30 + 31		Dry Bulb		Dew Poin
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66/ 65	• \•	<u>د. د.</u>	<u>. 4 . 3 . 3 . </u>		<u>•1    •                               </u>	)					213	200		
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58/ 57			.7 .5		٠٠;			~			1353		464	
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54/ 53 52/ 51	•2 2.6 2.9 •4 3.3 2.6		.5 .2 .3 .1		•0	<del></del>					1982			
50/ 49	• • • • • • • • • • • • • • • • • • • •			• 6	1		:				1930			
48/ 47	•5 3.8 2.5		•2 •1 •2 •0	_ <u>• v'</u>	<del></del>	<del>-!</del>		<del></del>	<del></del>		2022			
46/ 45	.7 4.7 2.2		.10	:		:					1870		-	-
44/ 43	.t: 3.9 1.9		0 0'				<del></del>	<del></del>	<del></del>	<del></del>		1597		
42/ 41	1.) 2.8 1.4	.5: .2	.01	.			: !		1	,	1250			
40/ 39	.7 2.4 1.1	•41 •1	.01			<del>†</del>	:	<del></del>		<del></del>	983	996		1971
38/ 37	4 1.9 .7	1 1	.0		•		. ,	Ī		î \$	711	715		1671
36/ 35	.4: 1.3 .5					1					473	475		1366
34/ 33	.2 .7 .2					Ī	•			į	243.	245		1075
32/ 31	.1 .3 .1					ī					114	116	289	
30/ 29	.1 .2 .0	•0			i	_		1			58	59	119	595
28/ 27	.0 .1 .0			-				1		1	22	24:	50	331
26/ 25	<u> </u>									į.	!	1:		308
24/ 23	4 t	i			1	1					,	;	8	237
22/ 21						ᆜ			<u> </u>		i :	į		114
20/ 19	1				- 1	İ	i	1		i		į	ì	52
18/ 17		<del>                                     </del>						<del></del>	<del>                                     </del>			<del></del>		32
16/ 15											1 1	:	,	17
14/ 13		<del>                                     </del>				<del> </del>	<del>  </del> -		<del>  -</del>					15
12/ 11				.		l			1 1.		1 1	į	i	9
10/ 9 Element (X)	Σ <sub>X</sub> <sup>2</sup>	Σx	T .		l No. C	<del></del>		-	1 1		<u> </u>			11
	#X"	~ x	X -	<u> </u>	1 70. 0	/05-		<del>,</del>		of Hours with				
Rel. Hum.		•	, ,		1		- ≤0F	± 32 F	£ 67. F	≥ 73 F	1 ≥ 80 F	1 = 93 F		Total

40-72



DATA PPLOESUING PRINCH US/F ETAC AIR ADALHER SERVICE/MAG

232 JA - 104

MCCLELLA" AF & CALIF/SACRAHFITO

#### **PSYCHROMETRIC SUMMARY**

47.70 \*\*

41.L Hours .. s. \*.

Temp.			YET BULB T									TOTAL		TOTAL	
(F)		5-6 7-8 9-	10 11 - 12	13 - 14 - 15	- 16.1	7 - 18 19	- 20	21 - 22,2	3 - 24 - 25 - 3	6-27 - 28/29	- 30 - 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
847 6	•						• 0	• • •				3	2		
821 8	<u> </u>				<u>, ()</u>	. )	ناه	<u></u>				1 .	14.		
307 7	<b></b>				$\epsilon_{i}$	. 1	. 1	- 1		)		52	52		
79/7			<u> </u>	.1	• i	• ì	ساه	نے و	• `			77	91		
75/ 7			• 1	. 1	. 2	. 2	. 1	• 1	• 0			192	104		
74/ 7	<u>] </u>		i.	٠٠	.3	• 2	.1	<u>.)</u>	<u></u>			245	452	<u>1_</u>	
72/7	1	• <b>U</b>	.1 .3	.3	. 3	٠2.	. i	• ~	• •			323	240		1
70/ 6	<u> </u>	<u> </u>	<u>, 3 , 5 </u>	. 5	يزو	.2	سلو					4.91	512		
55/ 6	7	.) .2	0. j.	. 4	• 3	. 1	. 1					571	284		
66/ 0		<u>.i4.</u>	. t č	٥.	ۋ	-1	• (•	• 1				725	755	17	
64/ 6		.4 .8 1	8. ü.	٥.	. 3	. l	•J					943	164	7 2	
02/ 6			.1 .8	.5	.3	<u>.1.</u>							1154	193	2
607 5		1.2 1.5 1		. 4	• 2	. 0						_	1405	444	22
58/ 5	7 .2 .6 1.2	1.8:1.6.1	٠٤ .٥	٠.3	.1	.9							1779	912	<sub>d</sub> O
56/ 5		2.2 1.5	.9 .4	• 1	•≎					-			1447		293
54/ 5		2.1 1.2	.0 .2	<u>• l:</u>	οÚ.								51114		<u> 511</u>
52/ 5		1.7' .9'	۱۰ خه	• 0	· Ú	-			•				2159		
50/ 4		1.7' .7'	<u>.3 .1'</u>	• 01						<u>:</u>			2374		
48/ 4	7 .3 3.5 3.0	1.3 .4	.1' .0	1	i	-	•				•		2084	_	
46/ 4		·	<u>.l :</u>					1			· · · · · · · · · · · · · · · · · · ·		1818		
44/ 4		.6	•0	į		1		3					1243		-
42/ 4			•0: !							! !		891		1747	
40/ 3					I	Ī	i	•	•		ŧ	567			
38/ 3			<u> </u>				1			<del>i , , , , , , , , , , , , , , , , , , ,</del>		318	<u>816</u>		1853
36/ 3				i	i	- 1	,	1	•	; '	i	102	201		1477
34/ 3	<del></del>	.0 .0				<u>:</u>	1		!			97	97		1048
32/ 3		7		- 1	:	1	į	į	:	1		50	501		753
30/ 2			- ! :	<u>i</u> _			;	·		: !	÷	14	14	62	
28/ 2				- 1	ı	1	į	-	•			111	11	22	321
26/ 2		1 1	<del>-   -  </del>			i		<del>;</del> -		<del></del>		<del>!                                    </del>		11	
24/ 2		.   !		-	I	Ī	Ì	I			1			lį	191
22/ 2		<del>                                     </del>	<del>-                                     </del>						<del></del>	+				<del></del>	111
20/ 1				j	i	ı	l	l	1					Ī	52
13/ 1 Element ()		Zx	<del></del>	•,		No. Obs.	<del>-  </del>		·	_ ` l	of Hours wit	. T	:		_40
Rel. Hum.	-X		<del>                                     </del>		+	no. UBS.	-	±0 F	± 32 F			n remperat	· ·		Total
Dry Bulb	<del></del>	<del> </del>			+			= 0 F	1 2 3/ 1		1 2/3 5	1 20 5	73 6	<del>-                                    </del>	
Wet Bulb	<del>- </del>	<u> </u>	<del>]  </del>		+	- 4-	╼╧┼		<del> </del>	<del> </del>	<del> </del>	<del>                                     </del>	<del></del>	<del>-i</del>	
Dew Point	<del></del>	<del> </del>	<del> </del>	<del></del>	+				-	<del> </del>	+	<del> </del>	-	<del>-i</del>	
- DEM COIN						" A 34 16.	-a					oth	-:		-

MATH PROCESSING BRANCH USAL ETEC **PSYCHROMETRIC SUMMARY** ALS MEDITIER SERVIC /MAC 23232 STAT GN MCCLEULY AFF CALIFYSACRAMENTO WL HOUAS .. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 1 - 2 3 - 4 5 - 5 7 - 8 9 - 10 11 - 12:13 - 14:15 - 16 17 - 18 19 - 20 21 - 22:23 - 24-25 - 26:27 - 28:29 - 30 = 31 D.B. W.B. Dry Builb Wet Builb Cow Pour 16/ 15 14/ 13 12/ 11 17/ 11 1.13.323.315.510.5 8.7 6.2 4.2 2.5 23600 0.26.5 (OL Element (X) No. Obs. Mean No. of Hours with Temperature Rēl. Hum 116197918 1595340 67.618.801 23597 10F | 132F 267 F | 273 F | 280 F | 293 F 70589313 1285069 53.5 8.768 24023 2.3 63.6 19.1 1.3 Dry Bulb 744 47.6 6.054 41.7 7.068 Wet Bulb 54346932 1123466 23600 6.7 .0 744 .0 42257455 984589 23599 76.2 .0

DATA PRICESSING PRICH USAF ETAC AIR WEATHER SERVICE/MAC

MUCLELLA CAF , CALIF/SACEA . + +F

															<b>.</b>	•	40_PS	L L
Temp.				WET BL	JLB TEN	PERA	TURE	DEPRES	SION (F	)					TOTAL		TOTAL	
(F)	0 1.2	3 - 4 5	. 6 ? . 8	9 - 10 11	- 12 13	- 14 1	5 - 16	17 - 18 1	9 - 20 2	21 - 22 2	3 - 24 2	25 - 26 2	7 - 28		*	Dry Bulb		
74/ 53															_ ` · `	• ,	•	-
92/ 91													• •					
91/ 29	••		•		+-		ب. را ه			•	•		• •			71	•	
887 87										ق و	. 1	• ,		• 3		,		
65/ 6°							• •	.1	• 1	• 4	• 1	. 1	•	•	1.52	رد) ``	•	-
84/ 13								.1.	• 4.	• 4.	• 2.		•		1,5	. 12		
82/ 61				• 51	•0	• 1		. 2	. 3	. 1		• ;		4-	25	256		
897, 73	<del></del>	<b></b> -			_ ب	<u>.1</u>	. 3	. "	.4	- • 4	• ?	• (	•		355	, ,		
78/ 77			•0	• C	• 1	.2	. 4		. 4	• 4	• 1				453	463		•
76/ 75			• 6	.1	• 6.	. 4	<u>. : : : : : : : : : : : : : : : : : : :</u>	. 4	د ه	- 4	<u>. i.</u>				511	211		
74/ 73			.5 .0	• ì	. 4	• 1	• >	• >	َ وَ و	.7	• •				62"	ي در.		
72/ 71			.0 .1	.4	.0	• 7	.5	. 3	. 3	• 1	~				6,3	243		~_
797 63			•9 •Ž	• 7	• 0	• 0	٠.	. 3	• 2	• '					8 3 4	34	⊊ ڙ	
68/ 67		<u>• C</u>	<u>. ک ک</u>	<u>.9 1</u>	<u>l.v.</u>	<u>· 1</u>	•>	<u>ذ .</u>	-1	•					952		51	
65/ 65		• 'i	.3 .6	1.2	• 7		. 4	• 3	• l	• •					•	1 . 3	22	
64/ 03	• •		<u>. 6, l.l</u>	1.4.	ق و	• 2	• 3	• 1	٠,٠							1155	40.1	*
62/ 61	• 1	. 3	.9.1.5	1.1	. 7	. 3	• 2	• 😲							1221	1221	7∢2	,
60/ <u>29</u>	<u></u>		<u>.9. 1.7</u>		<u>. 5</u>	•5	<u></u>	• ')								1541	•	
58/ 57	• . • 5	1.6 2		• 7'	. 3	• ?	• 0	. · ·								1554		-
56/ 55	<u>.i. 1.0</u>			•0	•2	<u>•6;</u>	• (,									1893		
54/ >3	1.0		,	· 16.	• i		• 3							•		1959		
52/ 51	<u>.1 2.3</u>			<u>• 2.</u>	•1	• 3										1357		
50/ 49	.1 2.7		-11 -4	•1	•0,											1363	_	
48/ 47			.7 .2	<u>•0</u> ;	•0,					<u>!</u>		<del></del> -				1349		
46/ 45	.1, 2.2	-	.5 .2	•0	•0;										-	1057		
44/ 43 42/ 41	<u>• 4 1 • 3</u> :		<u>•2] •1</u>					<del></del>							50:		1407	
42/ 41 40/ 39°	• i • 6		0. 5.		ŕ			-	î						376	376	847	
38/ 37	.0 .4.		•1  •0	<del></del>	<del></del>  -		<del></del>	ī		<del></del>		<del></del>		<del></del>	187	187		$\frac{17}{13}$
36/ 35	V 11	- 1	.0	í	1	•	į	ř				•			. 93	93	289 155	120
34/ 33 i	.0 .1	.0	- <del>'</del>	<del></del>	_	-	-i		<del></del>			<del></del>		<del></del>	37	32		
32/ 31	. • •	•0	91 12	Ī	:	1	i	•	i				1	:	4	÷	50 9	_
30/ 29		-0				<del></del> ;-			· · ·			<del>- ,</del>	<del>- i</del>	<del></del>	1 1	· · ·		30
		* * * * * * * * * * * * * * * * * * * *	1 1	į	i	ì		- 1				;	i	i		i		-
		•		i	i	- 1												. 74
28/ 27	Σ+;		Σ,	<del></del>	_	<del>-</del> -	<del></del>	No. Ob-	<del>- i</del>			`	Hans M	of House	-leh Tama			: 24
	ΣX;	-	Σχ	<u> </u>		* <u>*</u>	<del> </del>	No. Obs.	=	± 0 F	1 .	32 F	Mean No		with Temperat	ture	·	Tural

# PSYCHROMETRIC SUMMARY

Mean No. of Hours with Temperature

267 F | 273 F | 280 F | 293 F |

83.3 28.01

± 32 F .

47.51

.31

.0| 161.1

3.5

WONTH T

720

720

720

HOURS . S. F WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 7 3 . 4 5 . 6 7 . 8 9 . 10 11 - 12 13 . 14 15 . 16 17 . 18 19 . 20 . 21 . 22 23 . 24 25 . 26 27 . 28 . 29 . 30 . 31 D.B. W.B. Dry Buib Wet Buib Dew Po.-F 193 122 45 2 / 13 ij 15/ 16/ 1 14/ 13 12/ 11 51

No. Obs.

23196

23198

23199

23198

TATA PROJECT TO THE SECOND

THE RESTAURAGE ME MA

 $\mathbf{C}$ 

₹

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

100344437

82046957

61099649

46126840

1452431

1358511

1021788

62.620.131

58.610.362

44.0 6.951

1181801 50.9 6.216

0.26-5 (0L/

5 CLILLA M CHLIF/SECREMANTO

PATA PECCESSING GRANCH USAF ETAC AIR MEATHER SERVICE/MAC

Wet Bulb Dew Point MCCLELLA NE : CALIFYSACRAMERT.

STATION NAME

#### PSYCHROMETR'S SUMMARY

W.24." ...

ALL 40J<del>85 ...</del> 5. \* WET BULB TEMPERATURE DEPRESSION (=) TOTAL TOTAL (F) D.E. W.B. Dry duch Wet Bulk Dem Po-0 1.2 3.4 5.6 7.8 9.10 11.12 13.14.15.16.17.18 19.20.21.22.23.24.25.26.27.28.29.30 \*31 104/103 62/101 60/ 97 93/ 97 95/ 95 94/ 94 92/ 91 204 90/ 69 242 88/ 87 345 345 ٠. 471 86/ 65 451 34/ 03 523 223 . 5 . 2 82/ al 537 537 80/ 79 710 717 • 9 • 0 78/ 77 7:3 733 767 75 901 . 3 • I 74/ 73 934 434 72/ 71 .5' 1.2 1009 1009 47 1.1 • i 70/ 69 1190 1190 151 68/ 67 .7' 1.5 1.4 • 0 1241 1241 388 • 1 • 0 66/ 65 1324, 1324 711 .3 1.0 1.9 1.7 1449 1448 1229 04/ 63 28 62/ 61 1437 1437 1612 66 60/ 59 .4 1.3 2.5 1.9 1773 1773 2166 .0 202 58/ 57 .7: 2.4: 2.5 .0 1796 1796 2583 493 . 8 56/ 55 .1 1.5 3.2 2.6 .2 2055 2055 3148 1118 •1 .0 54/ 53 1.7 3.4 1.7 1784 1785 3180 1995 .1 1.5 2.7 1.0 .1 52/ 51 .O 1418 1420 3062 2520 50/ 49 775 1.6 . O 776 2611 3435 48/ 47 379 1550 3499 . 1 379 . 8 .0 46/ 45 209 891 - 3073 200 44/ 43 •0 . 1 106 379: 2350 .2 .1 106 اه. 155 1717 42/ 41 47 47 40/ 39 •0 .0 84 1056 •0 14 38/ 37 39 709 Element (X) ZX3 Σχ X •\*\* No. Obs. Mean No. of Hours with Temperature 10F | 132F | 267F | 273F | 280F | 293F Rel. Hum. Dry Bulb

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR MEATHER SERVIC / 'AC MCCLELLA AFF CALIFYSACKAMENTS
STATION NAME 111 wow.tw 165 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22.23-24 25-26 27-28.29-30 -31 D.B. V.B. Dr. Bulb 36/ 35 34/ 33 32/ 31 301 50 28/ 27 261 3 24/ 23 20/ 12 13/ 17 16/ 13 14/ 13 DTAL 9 No. Obs. Element (X) 23995 87497367 1362251 56.820.5771 10F | 132F | 267F | 273F | 280F | 293F 103806131 1554491 64.811.396 23999 292.3 185.6 95.9 9.3 744 Dry Bulb Wet Bulb 729525931 1315797 54.8 5.771 23995 744 16.4 .21

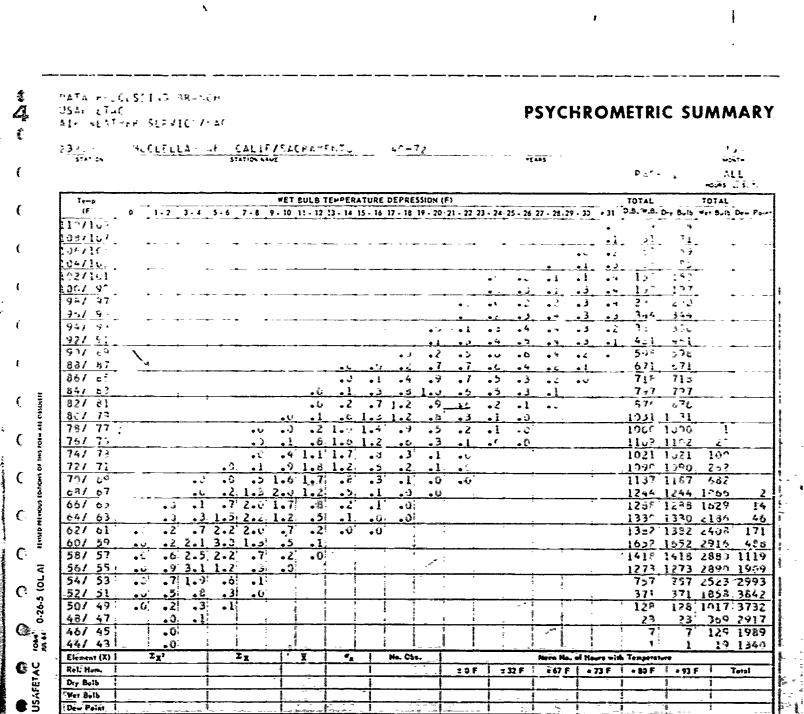
23995...

70.61

744

53435859

1122517 46.8 6.2031



		- <del></del>		· 					<u>—'~</u>				a service from the				inited behalings spreader		
PATA PELO USAF ETAC ATH WELDT	•							•					F	ŞYC	H	RON	\ETRI	c su	MM
232cr Station	ЧŲ	CLFL	A	£ <b>-</b> _ s	CALI	F- / S.A.	CRAm	eath		40-	72	german Messer ya	· ÿ	EĀRS —			Piri		
Temp.										DEPRE							TOTAL	т	OTAL
(F) 42/41	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	,17 - 18	19 - 20	21 - 22	23 - 24 . 25 - 26	27 - 28	29 - 3	0 • 31	D.B. W.B. [	Dry Bulb W	er Bull
46/ 34					,											,			1
33/ 37					•		<b>-</b>					• •						•	
36/ 30 34/ 33				•				•		·	·	<b></b>	-						- •
32/ 31						····										~~~	•*************************************		
36/ 23 28/ 27																			
25/ 25		•		,	•	•			-		•						•		
24/ 23		•		i	<del></del>	•			<del></del>		-						•	· · · · · · · · · · · · · · · · · · ·	
20/ 19		<u> </u>			and the same				·					,					
18/ 17; FOTAL	. !	3.5	11.8	72.1	10.5	9.3	8.6	' 7.9	i Lita in	. s . s	' '	4.2	3.6 3.i		, .	. , ,	•	2776	
				-		7.0-				<u>;                                    </u>	<del>,</del>	, ,,,,,	3.0 3.1	1		1. • 3	2970		975
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<b></b>		1			1		-	<u> </u>	<u> </u>	-	!		<del></del>			-			
							-						44040					•	
	<b>)</b> ,	十丨					1						1	1				1	
			<u> </u>			<del>                                     </del>	1	<del> </del>	<u> </u>	-	<del> </del>	<del>                                     </del>							
								<u> </u>	<u> </u>	<u> </u>	<u> </u>					<u>i</u>			
·							-						•			•	,		İ
													į					İ	i
			, e			,	Š.			\$1 <i>64</i> :		The state of the s	1. I desirementals						
Element (X)		Z X1	1076		2 x 30		X .	· *x		No. 01			FE.				Temperatu	<del></del>	<del></del>
Dry Bulb		2060			1679 6389		50.8 71.3			229		± 0 F	= 32 F	418.		≥ 73 F 30 7 • 9	196.3	+ 93 F	1
Wet Bulb		79730	3314	- de	3472	18	58.6	5.6	56	229	76		**************************************	67.		3.6	706		+
Dew Polities		5687	5590	Ł	1357	24	49.4	5.6	59	~229	16		7.8.3	•	1		24		

DATA PROCESSING BRANCH USAF ELAC ALP WEATHER SERVICE/MAC

C

Wet Bulb . Dew Points MCCLELLA . AF . CALIF/SACRA 1FMT-1

# PSYCHROMETRIC SUMMARY

I JL MONTH

																	ba A	ì	HOURS	. L 
Temp.					WET	BULL T	EMPERA	ATURE	DEPRE	SSION (I	')				-		TOTAL		TOTAL	
(F)	0 1	- 2 3 -	4 5-6	7 - 8	9 - 10	11 - 12	3 - 14	15 - 16.	17 - 18:	19 - 20	21 - 22.	23 - 24	. 25 - 26,	27 - 28   2	9 - 30	× 31	D B. W.S.	bry Bulb 1	Ver Bulb	Dew Par
116/11:													•			• )	- i	1		
114/113																	2.	4.		
112/111			***													· ,	4	4	•	
10/10)								-								• • •	12.	12.	_	
108/107															Į.	• •	41	41		
106/105					_										.e	٠,	71.	71		
104/103	+														. 1	•>	14"	148	-	
102/161													• U	. 1	. 3	1.0	324	324		
100/ 99	•										-	• 0	• 1	د .	.7	• 9	431	491		
98/ 97												. 1	. 3	.,	. 7	.7	594	594		
96/ 95	•				-		- 7				• .:		.8	- '}	. 7	. 4	705	145	-	
94/ 93									,		5.	. 9	1.3	- 's	. 5	. 1	911	410		
92/ 91						7	-		• 6	-1	• b	1.3	. 91	• 3'	. 2	• 1	918	918		
90/ 69	1					2	;	;	.0	.5		_	. 6		.0	- •	976	375		
83/ 87	1	1			7	1		. U		1.1	1.3	. 4		.1	·ů		950	950		
36/ E5				1 .	1	,	.0	. 2	.7	. 5	LaGi	. 5					984	994		
84/ 83		!		I	• 0;		. 1	. 4	1.4	1.3		. 2	.0	1			927	427		
87/ 01		١ .	C	, ,	-	.01	- 1	1.1	1.4	.7	نَفُ ـ		٠ ,	•			888	ថ្ងៃក្		
89/ 79	-	1		1	.0	.1	. 7	1.7	1.2	.4	.1	• 0	1		:		1001	1001		
78/ 77	1	;	1	.0	. C		1.5	1.4	. 7	. 2	. 0	-		1		i	997	997	3	
76/ 75			ī	.0	.1	1.3	1.4	1.0	.3	.0							1050	1059	39	
74/ 73	1	į	. 0	0.0	.5	1.9	1.4	.6	.1	.0	-		i	1	i		1111	1111	171	
72/ 71			1 .0		1,5	2.0	. 9	.3	.0	.0	• 0				1		1220	1220	590	
70/ 69	i	ı	0 .0		2.5		.7	. 1	.0						1		1399	1399	1526	
68/ 67:		•0;	3 ان	1.8	2.3	1.0	.2	•0	.0								1392	1392	2408	
66/ 65			11 1.2		1.6	.6	-1				i			1	\$		1500			
64/ 63			3, 2.4		. bl	. 2	•0										1442	1442	2871	1(
62/ 61		.11.	1 2.7		اد .	. 1				-	-						1365			
60/ 59		.2 2.	3 2.1	.0	. 2	.0							1				12901	1290	3052	6
58/ 57	1	.6 2.		1 1	.1		- 1			ı	I		•	1	,		8391		3028	
56/ 55	i		9 .1	<del></del> +	i								!				423		2687	
54/ 53			2 0			1	ļ						1		1		105		1458	
52/ 51			0														14	14		
50/ 49		-	1		I	1									Į		- '	- 1	122	
Element (X)	Σ	x²	$\top$	ZX	$\neg$	X	·,	Ţ	No. Ob	s.			···········	Mean No	. of Ho	urs with	Temperate	110		
Re'. Hum.		* ***	-		1	-		T		.	≤ 0 1	-	1 32 F	≥ 67 F	2	73 F	≥ 80 F	≥ 93 F		Total
Dry-Bulb			$\neg$		-		-	$\neg$	-						<del> </del>			1 -	1	

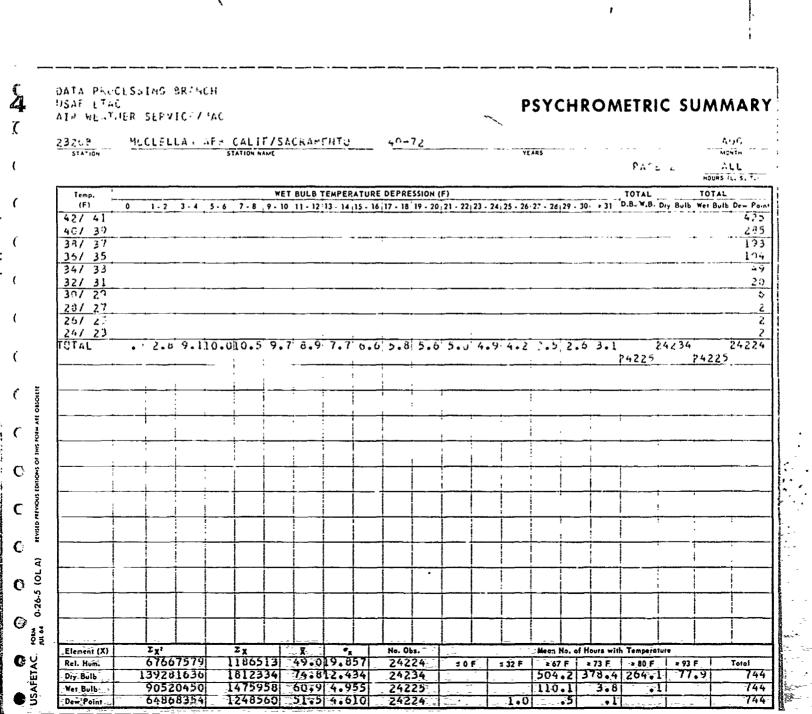
DATA PERCESSING BRANCH PSYCHROMETRIC SUMMARY USAF ETAC AIR WEATHER SERVICE /HAC MCCLELLA : AF 3 CALIF/SACRAY HTG JUL PAGE 2 HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL L TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 23 D.B.-W.B. Dry Bulb Wet Bulb Dew Point 21 2050 48/ 47 1 1 1355 45/ 45 44/ 43 620 42/ 41 254 40/ 39 130 38/ 37 71 36/ 35 34/ 33 32/ 31 13 30/ 29 28/ 27 26/ 25 24/ 23 0 22/ 21 22/ 17 13/ 17 14/ 13 .0 1.9 6.9 9.4 9.710.1 9.4 7.5 0.9 6.1 5.9 5.4 TOTAL 24150 24157 24156 24157 No. Obs. ΣXZ Mean No. of Hours with Temperature Element (X) 1131969 46.919.133 24152 61894405 267 F | 273 F | 280 F | =93 F Rel. Hum. 2 0.F 144267444 76.212.878 529.0 405.5 293.6 103.3 744 1840694 24156 Dry Bulb 91874798 1484564 61.5 5.233 24157 145.9 6.6 744 Wet Bulb 64833690 1246350 51.6 4.083 Dew Point-24157

MCCLELLA & AFF CALIF/SACRAFFNTO PASE 1 **1LL** HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16.17.18 19.20 21.22 23.24 25.26.27.28 29.30 231 D.B. W.B. Dry Bulb Wer Bulb Dew Point (F) 110/107 108/107 105/105 104/103 117 113 271 201 102/161 . l . 2 • 0 100/ 99 313 313 98/ 97 508 508 • 5 621 96/ 95 94/ 93 723 124 • 1 92/ 91 . 7 864 664 93/ 39 .3 1.0 • 4 953 753 924 424 88/ 87 921 86/ 85 421 1.5 .2 .1 ٠,5 1.0 • 1) 84/ 83 1.4 917 917 • B 913 32/ 81 .9 1.4 • 11 915 1028 1029 80/ 79 .6 78/ 77 . 3 1007:1008 1.5 .01 .0 .0 1.5 76/ 75 .0. . 1 . 1 1115-1119 1140:1140 74/ 73. .5 . l: . 4 1.8 . 1 .0 103 72: 71 1276 1277 397 .0 1373:1374:1116 70/ 69 .7 2.5 •0 68/ 67 1446 1440 1946 1561 1562, 2849 25 66/ 65 1558 1558 30GA 64/ 63 .11 . 1 1495 1495 2893 261 62/ 61 1.5 5.0 .0 1535 1535 3329 2.9 60/ 59 .4 58/ 57 993 9931 3275 1551 .7 2.6 .0 565 565 2945 3305 56/ 55 1.0 54/ 53 • 2 .0 88 88 1737 5053 485 5137 52/ 51 .0 .0 95 3343 50/ 49 25 1976 43/ 47 1152 46/ 45 671 44/ 43 Element (X) ΣXż No. Obs. Mean No. of Hours with Temperature Rel. Hum. 1 32 F

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAG

#### **PSYCHROMETRIC SUMMARY**

Dry Bulb Wet-Bulb: Dew Point



DATA PROCESSING BRACH USAF ETAC AIR METINER SERVICIZMAC

MCCLFLLA : AFE CALIF/SACRAMENTS

												PATE	1	AL HOURS	
Temp.			WET BULB T	EMPERA	TURE D	EPRESSION (	F)					TOTAL		TOTAL	
(F)	0 1-2 3-4	5-6 7-8 9	- 10 11 - 12	13 - 14   15	- 16:17	7 - 18 19 - 20	21 - 22	23 - 24 :	25 - 26	27 - 28:29	- 30 * 31	D.B. W.B.	Dry Bulb	Wet Bult [	Dew Po
12/111											• *	1	1		
10/100		<del></del>	· · · · · · · · · · · · · · · · · · ·				•					<u>,                                     </u>	_ ့		
06/107											•		16		
06/105												L37.	- 77	····	
04/103											.U .		32		
02/101											, U .	<u>, a., </u>	3.5		
00/ 99							•				.1 .	4 139	130		
98/ 97						.0.		.0	.1		.3 .	21/	615		
95/ 95		•		-	.0	•0		• 0	. Z	. 4	.5	3 33^	330		
94/ 93					• U.	.0	• 0	. 2	. 4	.6	.5	437	433		
92/ 91			٠٠			•0	-1	• 4	.7	$\overline{}$ . $\overline{i}$	.3 .	530	>39		
90/ 89				.0		.0 .1	. 4	.7	. 8	. 7	.10	) 6J2	502		
58/ 87	1			:	•0:	.1 .4	. 0	1.0	.6	• 3	٠,٥	711	711		
86/ 85		. ! .	.0.	•0	. 1	.3: .6		. 9	. 4.	٠, ١	. 0	782	782		
84/ 83			•0	.0	.2	.7: 1.0	. 9	• 5	. 2	2,		806	576		
32/ 81	ı		• • •	. 1	.6	1.2: 1.1	• 0.	.3	.1!	. ( )		904	904	1	
80/ 79			.0: .1			1.4 .8		• 2.	.1,			1037	1337	3	
78/ 77	·	•0	.0: .2		1.5	1.1 .5		• 1	•0			1054	1054	1	
76/ 75		.0 .0	.1 .8		1.1	.7 .3		• C¹	1			1040		5	
74/ 73	ā	.0 .1	.4 1.1	1.5	1.0	.41 .2		•0	•0:		1	1083		5	
72/ 71	1 .0		.911.7	1.2	.6	.2, .1		•0	<u>-</u>	1		1135	1135	112	
70/ 69	.0	. 2 .8	1.7 1.5		.3	.1 .0			i	1		1315	1315		
68/ 67	1 .12		2.0 1.3	.6	.2	•11 •0							1423		
66/ 65	٤. اد.		1.6 .8			.0 .0	, ,	į	ļ		į		1486		
64/ 63	3 .2 .6		1.2 .5	.2	.1	.0 .0				1	T I		1496		
62/ 61		2.5 1.6	.7 .3	.1	.0	.0	2		4	•			1575		1.
60/ 59	.0 .6 2.4		.4 ,2	.0	**	•0							1509		5
53/ 57	1 .9 2.4		.3	.0	.0			:	į	1	1			3104	
56/ 55	.0 1.1 1.7		•2 •1		.0	<del></del>	1		1	1	<del></del>	907		2977:	
54/ 53	.0 .7		1 0		• ~	ž.	i I	į	100	İ	-	440		2125	_
52/ 51	0 2		.0 .0					i			-	180		1292	
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48/ 47	.0 .0		,0		<del></del> -	1	1	<del></del>		-	$\dashv$	431	431		
46/ 45	.0		- "		1	. I.		1		- 1		19	19		
Element (X)	Σχ²	Σχ	X	<b>₹</b>	1 -1	lo. Obs.		- 1-1-		Mean No.	of Hours w	ith Temperate			
Rel. Hum.					I		.± 0 F	1 5	32 F	≥ 67 F	≥ 73 F	≥ 80 F	₹ 93 F	· T	otal
Dry Bulb					-			- F-					1		
Wet Bulb	=				T	- 7				-	T	-		$\neg$	

DATA PROCESSING FRANCH **PSYCHROMETRIC SUMMARY** USAF ETAL AIR MENTILR SERVICE/MAC MUCLELLA : AFO CALIF/SACRAHENTO PACE WET BULB TEMPERATURE DEPRESSION (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 44/ 43 ÷ • U 94 1344 42/ 41 44 857 40/ 31 18 646 39/ 37 441 36/ 35 354 34/ 33 230 32/ 31 147 30/ 23 23/ 27 53 24/ 23 22 22/ 21 29/ 19 18/ 17 16/ 15 14/ 13 12/ 11 22723 TOTAL 22722 22724 Element (X) ΣXz No. Obi. Mean No. of Hours with Temperature 66654472 Rel. Hum. 1136690 50.020.756 22721 ≥67 F | ≥73 F | ≥80 F | ≥93 F | 71.711.917 Dry Bulb 120252282 1631674 22751 433.6 311.1 195.8 40.2 720 1336388 58.8 5.306 Wet Bolb 79231984 22724 720. •5 Dew Point 56080453 1119801 49.3 6.280 720

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DATA PPECESSING BRANCH USAF ETAC NIR HEATHIR SERVICE/MAC

MUCLELLA: AFT CALIF/SACRAMENT,
STATION NAME

STATION			31411	SMAN RUI								***							
																PALS	- i	HOURS C	
Temp.			<del></del>	WE	T BULB T	FMBED	TURE	DEPRE	SION /	E)						TOTAL		TOTAL	. 3
(F)	0 1 - 2	3 · 4	5-6.7								23 - 24	25 - 26"	27 · 28 · 2	9 - 30	+ 31		Dry Bulb	Wet Bulb	Dew Por
162/161															• •	7	2		
100/ 99														· O	• 1/	2	3		
72/ 97														•(	• 6	r,	<u></u>		
95/ 95													• ~	.0		24	24		
94/ 93												. 0	.1	.1	• )	51	51		
92/ 91											•9	• 1	• -	. 1		ยร์	45		
9C/ 89											-1	• 2	.2	. 6		135	135		
88/ 67							. 0	.0.	. 1	• 2	. 3	.3	. ì	• 0		242	242		
85/ 65							.0	•0	•1	. 2	. 4	• 3	•			270	¿70		
84/ 93						٠Û	.0.	2.		. 4		.1	<u>• C</u>	.0		355	355		
82/ 61				•		• 4	.1	.4.	.5	.5	.2'	• 1	• 4.	.0		458	458		
807 79			•0,		<u> 9: .0:</u>	.1	. 4	. 6	. 8	.4	.2	.1.	. 1.5			63º	53 <u>5</u>		
78/ 77				.0 .	J .1	. 3:	.7	. 8	• 6	• 3	• 2	• 0				745	745		
76/ 75			• 01	<u>.vi .</u>	13:	.7	. ୫	. 7	.4	4	•1	• Ü :				835	439		
74/ 73			.0	.1.	2 .6.	1.0	. 6	.5	. 3	• 2	.0	•				911	912	i	
72/ 71	<u>:</u> _	.0	0		5 1.1	.8	.7		. 3		•0	· ·				1041	1541	2	
73/ 69				.31 .	9: 1.2		.6	. 3	. 2	• 1	•	:			•	1175	1175	20	1
68/ 57		1	. 31	.9:1.	4 1.1	.8	. 4	.3	.1	.0		:					1343	132	
66/ 65	• 1			1.2 1.	· . · .	.6	. 4		• 0		:	}	_	-			1461	415	5
64/ 63	<u>. 0,                                    </u>			.5 1.		.4	.3	.1	.0	·						1555		963	25
62/ 61		7; 1.c		1.6 1.			.1	.1				i					1759		91
60/ 57			2.2 1				-1	.0		i !							2218		340
58/ 57	• 2 2 •				7 .4	1	-1				i	į	-	:				3019	857
56/ 55		2 2.5			5 .3		v			! !								3357	
54/ 53		0 1.9			4 .2	•0	•0	1		1	•	1	-	1				3165	
52/ 51	•1 1•		.7		3 .1					: 1	<u>_</u>	;	<del></del> :		-			2619	
50/ 49	-1, 1-				2 .0	•0				1	•	İ	!			829		2190	
48/ 47		7 .5			1 .0						<del></del> ;		<del></del>			497		1456	
46/ 45	- 1	4 .3			0 .0	]						1	1	ĺ		331			2312
44/ 43	.0 .				1						1					187	187		1838
42/ 41	.હ				0					i I	į	l	I			107 52	107 52		1184
38/ 37			.0		0			<del> </del>	_	<del>-</del>	<del>'</del>	<del></del>	<del></del> +			36			
367 35	•		1	.0							į	1	est control			36 15			538
	Z <sub>X</sub> ,	0 .0	Zx		X	-		No. Ob:		لسنط		!	· Mana W			Tempera		20,	200
Element (X)	~ X.		- ~ X		X	•,		110. UD	<del>"  </del>	: 0 F	1 -	32 F	. meon re	<del></del>	73 F	> 80 F	≥ 93	F 1	Total
Dry Bulb			<del></del> -	<del></del>		-	+			V F	+ 3	32 F		+ -	,3 F	7 00 5	- + 33	<del>-i</del>	
Wet Bulb			<del></del>	<del></del>						-1-1				<del> </del>	<del></del>		<del></del>	<del></del>	
Dew Point		<del></del>		<del>  </del>	3 4 33							—		<del>- -</del>			<del></del>		
Losw, Cont.	بنت	a . 5 - #	- yev 2 2 -	<u> </u>		mangaly, an					<u> </u>	<u></u>		-1.			·   /*- *		

DATA PROCESSING BRANCH USAL LTAC **PSYCHROMETRIC SUMMARY** ATR REATHER SERVIC / TO 23768 MCCLELLA AF- CALIF/SACRAMENTO T J. STATION STAT 'N NAME ALL HOURS . S. T WET BULB TEMPERATURE DEPRESSION (F) TOTAL 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20; 21 - 22 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 + 31 D.B. W.B. Dry Builb Wer Builb Dew Poin (F) 4 12 574 34, 33 32/ 31 13 . 232 35/ 63 470 28/ 27 25û 105 26/ 25 24/ 23 22/ 2. 1 - 7 50/ 13 18/ 17 24 16/ 15 14/ 13 22 12/ 11 107 TOTAL 1.212.914.213.211.419.5 8.4 6.9 5.7 4.7 3.5 2.6 2.0 1.3 ₹ ਠੁ Element (X) ZX2 No. Obs. Mean No. of Hours with Temperature 93042527 58.021.024 1404355 24193 ≥67 F | =73 F | +80 F | +93 F Rel. Hum. Total 99678087 1533589 63.310.382 24233 255.0 146.3 59.4 744 Dry Bulb 1306830 54.0 6.024 Wet Bulb 71461862 24195 744 .61 4.8 .01

24194

60.0

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52760679

Dew Point

1112673 46.0 8.105

744

CATH FAUCESSING REINCH USAE ETAT **PSYCHROMETRIC SUMMARY** AIR MESTICE SERVICE / HAC 23269 MCCLELLA AFT CALIFYSACRAMENTS WET BULB TEMPERATURE DEPRESSION (F) LATOT TOTAL (F) 7 - 5 9 - 10 11 - 12 13 - 14 - 15 - 16 - 17 - 18 19 - 20 - 21 - 22 23 - 24 25 - 26 - 27 - 28 - 29 - 30 + 31 D.B. W.B. Dry Buib Wer Buir Dew Point 39/ 37 56/ 3° 841 32 • U d2/ c1 8 1/ 70 • • • U 791 77 12: 76/ 75 126 74/ 73 72/ 71 .2 . i . 2 70/ 69 352 68/ 67 50 3 503 • : 56/ 65 685 ري<u>ع</u>ن .2 9,1 54/ 63 70.1 21 111 62/ 61 1117 1117 . 0 0 60/ 59 574 .1 1.0 1.2 1.5 1.4 1687 1587 138 58/ 57 •1 2•1: 1•8 1•6·1•1 1914 1716 1057 297 .1 56/ 55 .2 3.0 2.4 1.9 1.2 232° 2325 1775 0 54/ 53 2277 7272 3.3 2.6 1.6 ٠. 2425 1266 ٠Ď 52/ 51 .5 3.5 2.9 1.2 2132 2122 2823 1759 50/ 49 3.8 2.6: 1.2 2145 2150 3003 2007 .62 48/ 47 .5| 3.3| 1.7 . 4: . 0 1667 1567 2830 2271 1511 1513 2344 2475 46/ 45 44/ 43 .4 2.6 1.3 1198 1199 1859 2391 904 42/ 41 911 1554 2151 40/ 39 . 5 342 .3 1.4 .1: 551 1:71 1696 37 748 1602 435 437. 36/ 35 .7 .0 264 265 540 1334 34/ 33 297-1094 112 113 • 0 32/ 31 160 774 .0 67! 67 30/ 29 .0 <u>57</u> 549 28/ 27 278 13 25/ 25 232 24/ 23 137 No. Obs. Mean No. of Hours with Temperature 267 F | 273 F | 280 F | 293 F # 0 F | # 32 F | Dry Bulb Wet Bulb Dew Point

DATA FRICESSING BRUNCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR PETTHER SERVICE/MAG 23204 MCCLELLA AF CALIF/SACRAME AT STATION NAME ALL HQJ®5 L. 5. 7 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1-2 3-4 5-6 7-8 9-10 11-12-13-14-15-16-17-18 19-20-21-22-23-24-25-26-27-28-29-30 -31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 25/ 13 13/ 17 15/ 15 14/ 13 107 9 63674 TOTAL 4.232.421.313.7 9.5 6.0 4.7 3.1 2.2 1.2 .0 .2 .1 23561 23534 Element (X) No. Obs. Mean No. of Hours with Temperature 131318243 1699735 71.919.585 23632 267 F | 273 F | 280 F | 293 F Rel. Hum. ± 32 F 1259491 53.2 8.548 23660 68775257 1.6 720 Dry Bulb 2.7 48.1 14.4 55903060 1139432 48.2 6.404 23634 7.5 120 .01 Wet Bulb 23634 45553365 1020633 43.2 7.907 69.1 720

Dew Point

DATA PALCESSI IC BREICH USAF ETAC MIR WEAT ER SERVICE /PAC

Wet Bulb Dew Point MCCLELLA . AF . CALIF/SACRAMENT

#### **PSYCHROMETRIC SUMMARY**

PAGE 1

16 L . . . . WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 : 13 - 14 : 15 - 16 : 17 - 18 : 19 - 20 : 21 - 22 : 23 - 24 : 25 - 26 : 27 - 28 : 29 - 30 : + 31 D.B. W.B. Dry Builb Wet Builb De- Poin 76/ 75 74/ 73 72/ 71 70/ 59 • U 58/ 07 • 0 •0 .0 ز . 9<u>3</u> 66/ 65 64/ 63 ٠Û .1 ٠.0 62/ 61 20 m ي و >72 93 551 60/ 59 3E/ 57 771 790 243 56/ 55 · 2 1.0 1.3 1.0 .0 1351 1385 485 228 54/ 53 907 1.9 1512 1568 490 1915 1975 1317 52/ 51 .0 3.1 2.1 1.2 ٠Û 2425 2464 2060 50/ 49 4.2 2.4 2247 2232 2459 1654 43/ 47 .9 4.4 2.2 1.1. 2495 2508 2837 2171 1.3 5.5 2.2 .0 2414 2436 2843 7380 44/ 43 1.4: 5.6: 1.9 • 0 42/ 41 1.6. 5.41 1.7 •0 2204 2277 2771 2733 1977 1981 2554 2806 40/ 39 1.1 4.3 1.2 .1 .0 1319 1324 1994 2422 33/ 37 941 340 1325 2064 36/ 35 .7 2.5 .0 608 34/ 33 344 . 2 354 611 1139 32/ 31 . Ö. .c 190 194 347. 30/ 29 612 . 3 .0 100 112 194 28/ 27 410 26/ 25 54 71 52 22 41 291 24/ 23; .0 - 1 22/ 21 20/ 19 .0 110 13/ 17 61 16/ 15 48 14/ 13 30 12/ 11 18 10/ Element (X) ZX, Mean No. of Hours with Temperature Rel. Hum. Dry Bulb.

DATA PPUCESSING BROWCH SSAF FTAC **PSYCHROMETRIC SUMMARY** AIR NESTHER SERVIC / 40 MECLELLA AFE CALIF/SACRAFFRE)
STATION NAME WENTH <u>-</u>Ll =3,85 .. s. • WET BULB TEMPERATURE DEPRESSION (F) 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14-15-16 17-18 19-20 21-22:23-24 25-26 27-28:29-30 +31 D.B. W.B. Dry Builb Met Builb Dem Port 3/ -1 -6/ -7 FOTAL 17.147.820.1 9.0 0.0 2.0 1.0 .0 .3 .1 .1 . . . . 24.23 24125 Σx, No. Obs. Element (X) Mean No. of Hoors with Temperature 164268007 1954173 81.015.714 24122 132F | 267 F | 273 F | 280 F | 293 F Rel. Hum. Tetal 1130245 46.1 7.447 53503855 Dry Bulb 24498 23.61 744 Wet Bulb 46111600 -1043218 43.2 6.446 40.3 744 24126 964618 40.0 7.547 .1 107.0 De Paint 39941626 24126 744

(OL A) HYSTE MIYOUS TORONS OF IMS FORM AN OSSOUR

AC 1024 0.26.5 (OLA) 111110

AFETAC 10

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DATA PHICESING BRANCH USAF ETAC AIR VEATUR SERVICE/MAC	PSYCHRO	METRIC SUMMARY
237 JA MUCLELLA - AFT CALIFYSACKAME IT 42-72	· · · · · · · · · · · · · · · · · · ·	- 14): - 14): Paris ( 3000-02)3
		HOURS L. S. *
Te-p WET BULB TEMPERATURE DEPRESSION (F)  (F) 0 1-2 3-4 5-6 7-8 9-10 1-12 13-14 15-16 17-18 19-20 21-22 23	. 24 25 . 26 27 . 28 29 . 30 . 3	TOTAL TOTAL  1 D.B. W.B. D., Balls Wet Bulls Dev Park
02/611		
ه ١٥٠/ ١٥٠		. <u>**</u> . le. 2.
587 57 .: .0 .2	<del>-</del> -	31 24 12
56/ 55	<del></del>	. 25 . 79 . 44 . 27
54/ 53 1.7 .5 .3 .1		71 71 71 41
50/ 49 . 4.1 1.7 .2 .1 .3 .0		201 201 131 135
97/ 49		297 407 204 141
45/ 47 1. 5.7 1.5 .1 .0 .1		2+5 253 239 195
44/ 42 : 10 40 6 104 02 01		29- 296 256 252
42/ 41 1.27. 1.3 .2 .0 .0		327 322 332 276
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De- Point 4363426 1092781 38.3 7.8011 7350 1		93

DATA PROCESSING BRANCH PSYCHROMETRIC SUMMARY USAF ETAC AIR MEATHER SERVICE/MAC HCCLFLLA AFR CALIF/SACRAMENTO U300-0500 PAIL 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 31 (F) D.B. W.B. Dry Bulb Wet Bulb Dew Point 62/ 61 .0 1 60/ 59 .4 13 9 . 7 24 16 58/ 57 24 • 0 • 1 57 67 **4**3 56/ 55 1.6 78 54/ 53 . 1 • l 77 77 52 .4 1.4 106 53 2.1 lul 134 195 133 101 50/ 49 . 6 · Ú 186 4.5 • 1 133 105 196 189 205 187 198 201 46/ 45 1.4 4.5 1.0 209 200 201 213 44/ 43 2.1 6.7 1.1 42/ 41 . 3 293 303 249 218 <u> 365</u> 279 369 351 3.9:7.6:1.1 297 38/ 37 3.2 6.4 292 330 306 • 2 3.0 4.4 239 238 271 311 36/ 35 . 8 190 34/ 33 2.5 3.4 191 206 257 .9 .0 190 192 203 185 2.3.3.3 30/ 29 1.0 3.2 .0 132 134 149 154 . 4 95 122 27 62 62 28/ .7 1.1 25 25 41 117 26/ 25 .6 56 24/ 23 36 22/ 21 13 20/ 19 18/ 17 17 16/ 14/ 13 10/ 8/ 7 5 6/ 3 4%

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Element (X)

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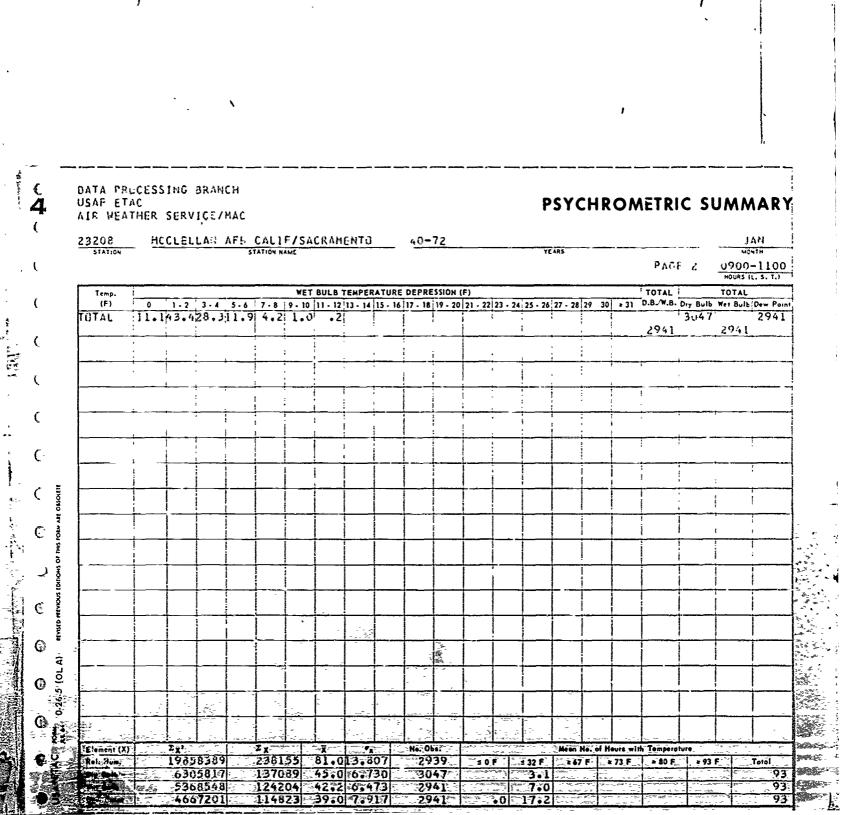
DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

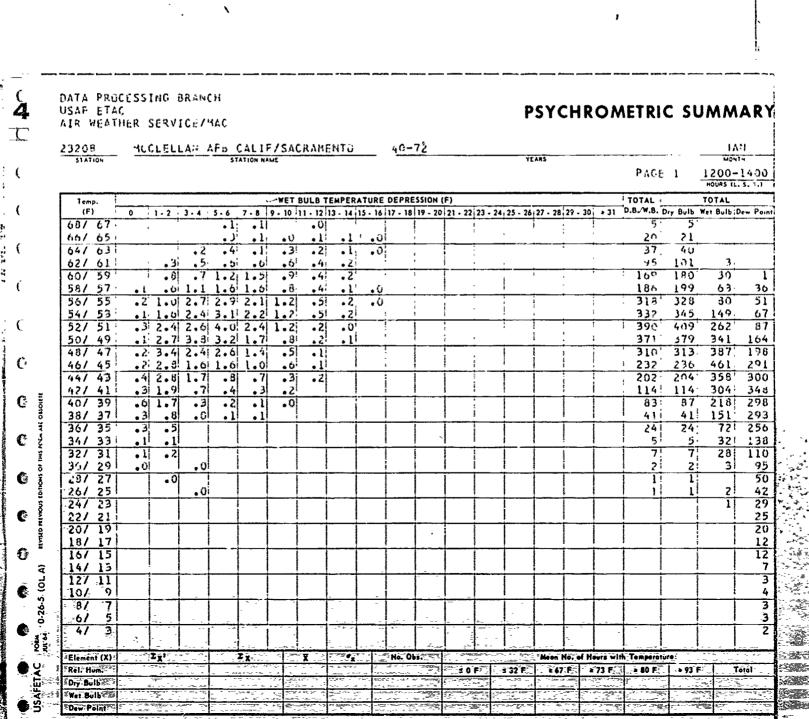
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DATA PROCESSING SRANCH USAF ETAC AIR WEATHER SERVICT/HAC

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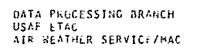
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DATA PROCESSING BRANCH USAF ETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC MCCLELLAN AFB CALIF/SACRAMENTU JA≒ 1200-1400 HOURS (L. S. T.) PAGE & WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point TOTAL 1 3.323.520.923.016.0 8.7 3.4 1.1 3442 2945 2945 Element (X) Mean No. of Hours with Temperature 2945 204692 69.517.377 Rel. Hum. 15116050 # 0 F 32 F 267 F 273 F 280 F 293 F 7980840 154664 50.8 6.210 Dry Bulb 3042 Wet Bulb 134946 45.8 5.585 2945 6275332 93 Dew Point 4975727 118691 40.3 8.079 2945 93

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MCCLELLAN AFE CALIF/SACRAMENTU

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DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC MCCLELLA: AF3 CALIF/SACRAHENTO 1500-1700 HOUAS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL : 1-2 3-4 5-6 7-8 -10 11-12 13-14 15-16 17-18 19-20 21-22 23 24 25-26 27-28 29-301 +31 D.B./M.B. Dry Bulb Wet Bulb Dew Point 2.524.922.420.714.5 9.3 3.9 1.3 .3 .1 3916 2923 Meen No. of Hours with Temperature Element (X) 15069523 203577 69.617.463 2923 Rel. Hum. 132 F 267 F 22 73 F 20 F 293 F Dry Bulb 154771 5173 6.143 3016 93

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2923

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8056111

6347047

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Wet Bulbit

135247 46.3 5.524

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DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAG MUCLELLAN AFR CALIF/SACRAMENTO 1500-2000 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 D.B. W.B. Dry Bulb Wet Bulb Dem Point (F) .1 . 0. 64/ 63 62/ 61 . 7 .4 36 17 8 69/ 59 .0 36 58/ 57 <u>.</u> 5 91 94 1.2. 1.1. . 0: 35 21 49 56/ 55 . 6 l. I . 6 •1 92 54/ 53 181 2.1, 1.9 1.0 73 45 163 52/ 51 .5 4.1 3.4 1.0 273 79 - 1 374 387 128 3.99 230 48/ 47 .3 6.5 4.1 1.3 352 330 407 29u 46/ 45 .7: 7.1: 3.4: 2.1 4,7 411 44/ 43 .5! 5.4 3.2 1.0 3u2 304 377 308 . 13 267 383 C42/ 41 337 . 9, 4.4 2.6 263 40/ 39 1.0, 2.8, 2.3 205: 211 321 252 .0: 39/ 37 244 .0: 1.9 1.3 122 205 C § 367 351 67 67. 166 224 . 3 34/ 23 26 26 75 146 32/ 31 · 1; 15 15 32 137

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Element (X)

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SAFETAC

DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

23268 HCCLELLAN AFB CALIF/SACRAMENTS 42-72

STATION STATION NAME

PAGE 1 2100-2306
HOURS IC. S. T.

Temp.				W	ET BULB	TEMPERA	TURE (	DEPRES	SION (F	F)				TOTAL		TOTAL	
(F)	0 1-2	3 - 4 5	-6 7-8	9 -	10   11 - 12	.13 - 14 -1	5 - 15 1	7 - 18 1	9 - 20:	21 - 22.23	- 24:25 - 2	26 27 - 28,	29 - 30 + 3	D.B. W.B.	Dry Bulb	Wet Bult !	Dew Fo
64/ 63		• 1	•	,	-			i	τ	-		i	-	4	4		
62/ ol	.1	.2		_i			,							2	9	. 2	
60/ 59	• 5	٠Ž			.0									23	23	6	
58/ 57	.3 1.1		<u>. 1</u>											4 3	45	32	1
55/ 55	.3 .9	.7	. 3!	•				•				1		57	63	50	4
<u>54/ 53</u>	.2 2.0		• <u>1</u> ; •	(,		.1							:	138	108	4.5	4
52/ 51	.5 2.4	1.5	٠٤.	l'	. · · · ·		•	•						145	140	109	5
50/ 49	. 5.5 i		.5	1, ,	0. 0									260	268	143	q
48/ 47	.9 5.5	2.8	.6.	I.	• 0	:							<del>-</del>	283	285	260	20
46/ 45	1.4 7.9	2.7	• <del>9</del> ; •	1	0	-	•							371	371	308	23
44/ 43	1.5 7.2	1.7	.7! .	1' _			į.					; ;		321	321	369	26
42/ 41	2.41 6.5	2.5	.9	•	. C.		=						-	329	359	352	38
40/ 39	2.0 5.4	2.6;	•5	0	•		1	ţ	-		-	; - :		301	304	347	31
35/ 37	1.7 3.3	1.8	.2 .	Ōį		. !	i	:	1	į	-	+ 1	•	198	198		28
36/ 35	1.2 2.9	1.Z	.4	1	ĭ		-							163	165	204	20
34/ 33:	.0 1.0	1.0	.1 .	1	Ì		į	:	1	ž Ē		1 ;	-	101	102	162	19
32/ 31	.5 .9		.2 .	O			1	1	i		<del></del>	7		60	50	1001	14
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16/ 15		Pall	1								7						
14/ 13		1	1		1	_	- 1	- 1	1	I	l	1 1	and the same of th	ļ	. !	, 2	
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Element (X)	ΣX,		Σχ		` <b>X</b> `	- are all		No. Obs.		*****	4	Mean N	e. of Hours	ith Tempere	ture		
Rel. Hum.	20915		241			11:64		285		2 0 F.	32 F	≥ 67	Fa 📜 = 73 F	≥ 80 F	- 93 f	F. T.	otol
Dry Bulb	5623				43.9			.285	9		2. 3.1	0	<del></del>	T			9
Wet Bulh.	5119	370			41-0								en in the second of the	<u>- 15 </u>	1 - 1 - 13		

DATA PROCESSING BRANCH USAF ETAC AIP WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

HCCLELLA\* AFB CALIF/SACRAMENTO 0000-0200 HOURS IL. S. T.

Temp.								EMPERA										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7-8 9	- 10	11 - 12	13 - 14 .1	5 - 16	17 - 18	19 - 20	21 - 22	23 - 2	4:25 - 26	,27 - 28	.29 -	30 - + 31	D.B. W.B.	Drv Bulb	Wet Bulb	Dew Point
72/ 71					•				•0						•	-	-	l	1		
10 150												-						<u> </u>			
56/ 59		ڌ .		• 5								-						14	16	1	_
55/ 57		. 9										·					· i- · · ·	46	50	!	3
56/ 55			1.5	.6	٠Ü	• 0						•			•			123	120	51	28
54/ 53			2.2	• 5			<u>• 0</u>											155	295	114	68
52/ 51			1.3	• 5	_	• 1	• 0			:								193	200	170	110
50/ 49			3.3	• 6		<u></u> ,								<u> </u>	<del></del>			282	293	215	175
48/ 47	_		3.3	. 7		• 1:	• 0			,					•			287	295	250	197
46/ 45			3.C	. 5		<u>.ļ</u>		<u> </u>				<del></del>						340	348	314	266
44/ 43			3.0	. 8		•1'				,					1		-	330	340	338	303
42/ 41			2.7	- 8		<u>:</u>				— ÷				-:	<del></del>	:		271	273	321	305
40/ 39			Z.0	.5		,		ĺ	1	•		i		:		:		208	210	274	277
38/ 37			1.3			<del></del>								<del></del>	· · · · ·	<u>.                                    </u>	•	153	153	192	211
36/ 35		2.2				3		1	į	;		1		,		40	1	98	100	166	138
34/ 33	-1		. 5					+	;			<u>:</u>	:	- <sup>:</sup>	!	<del>:</del>	<del></del>	41	42		
32/ 31	•0		• 2	•1	- 1	į			1	. 1		\$ \$		1	ĺ		1	17		53	120
30/ 29	•0				- :		-		<del></del>	<del></del>		<u> </u>		<del></del>	!	<del>!</del>	<del></del>	<del>. 1</del>	1:		64
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18/ 17			· ;									1		<del></del>	<del>!</del> -	<del>-</del>	_	<del></del>	;		
16/ 15						1		1	1	1		-		1	İ	diperior.			1		į
12/ 11 10/ 9						<del></del>		┝╾┯╬				1	!	<del></del>	1	<del>! -</del>	<del></del>			·	- 1
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Rel. Hum.		1874	7127		21881.			11.54		200			. T	s 32 F	_		73 F		1 5 93 F	-1	Tetal .
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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

MCCLELLA: AFE CALIF/SACRAMENTA

# PSYCHROMETRIC SUMMARY

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																	Pagi		0300	
Te-p.								EMPERA									TOTAL		TOTAL	
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58/ 57		•5	. 4										-		•		22	27	11	
56/ 55	3	1.6	1.0	. 2			<u> </u>			:						_ =	77	.26	31	1
54/ 53	. 5	. 3.0	2.1	. 2	•	_	-		-			=	¥	_	-		153	161	96	
52/ 51		4.2	1.5	2	. <b>.</b> U.	0									-		175	192	138	
50/ 49	1.0	5.4	1.7	.2				,				-					214	230	211	14
48/ 47	. 9	5.6	. 2.2	. 3	,0	.1	:			<u>.</u>							237	245	214	. 19
45/ 45	1.0	7.5	2.2	3			:			,			·				280	301	241	22
44/ 43	1.7	6.5	2.2	• .5	. 3				;	:						-	297	302	300	2:
42/ 41	2.0	5.5	2.3				-	:				-	•	1		,	310	314	287	
40/ 39							3	÷	,			-		į,		1	271	270		
38/ 37		5.0		.7			e :					Í	1	:	<del></del> -		231	233		
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Dry Bolbi			16579 15531		11656 10936					26 25			700 110	2.2 5.1			* 61~ ======	<u> </u>		- 6

41-72

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DATA PROCESSING BRANCH USAF ETAC AIF MEATHER SERVICE/MAC  PSYCHRO	METR	IC SI		
23236 MCCLELLA: AF' CALIF/SACRAHENTO 40-72  STATION NAME  YEARS	PAT	- - 	3630-	-080v
Temp. WET BULB TEMPERATURE DEPRESSION (F)	TOTAL	-,	TOTAL	3
(F) 0 1-2 3-4 5-6 7-8 9-10 11-12:13-14:15 16:17-18:19-20:21-22 23-24:25-26:27-28:29-30-8	31 D.B. W.B.			Ce- Pain
60/ 59 .3 .1 .0' : 56/ 57 .1 .9 .4	17	12		
58/ 57 1 .9 .4	<u>75</u> 77		15 40	23
54/ 53 .2 2.7 2.1	143	151	67	50
52/ 51 .6 4.4 1.4 .5 50: 49 .9 4.4 1.7 .5: .v	136		135	93
50. 49	$\frac{179}{214}$		212	136
46/ 45 1.5 6.2 2.1 .2 .1 .3	273		230	218
44/ 43 1.0 7.0 2.5 .3 .3	318	329	279	219
42/ 41 2.5 5.0 2.41 .9: .3.	294 284	297 289	312 276	275 265
38/ 37 1.1 5.4 1.7 .8 .0	240		251	241
36/ 35 1.2 4.1 1.0 .2	189	189	268	234
\[ \begin{array}{c ccccccccccccccccccccccccccccccccccc	99		187	205
32/31 ·4 1·1 ·3 ·2 30/29 ·3 ·7 ·1 ·1	53 32	55 33	112	103 118
			25	69
28/ 27 •2 •4 •1 26/ 25		1	16	57
£ 24/ 23 5 22/ 21	-		4	54
8 20/19		<del></del>	<del></del>	16
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Rel. Hom. 19057393 228130 85.710.740 2662 30F 32F 367F 273	F SE			ratel
120272 43.7 6.528 2755 3.3		4.15		64
Wit Selb 472618 110831 41.50 6.531 2663 6.3				34
Dew Point 4278451 104800 3974 7.610 2063 1568	تيب خالت			54

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STATUS AND   Page   P	56/ 55       .1 2.0 3.2 3.0 1.5       .0 .6 .1       314 227 113         54/ 53       .1 2.7 3.5 3.5 1.7       .91       35^ 3.99 187         52/ 51       .4 2.6 4.2 3.5 1.4       .7 .1       347 .57 265         50/ 49       .4 3.2 4.1 3.2 1.1 .7 .1 .3       346 .55 36         49/ 67       .5 3.1 3.6 2.5 1.6 .3 .1       29 25 365         46/ 45       .7 3.9 2.9 2.0 .7 .1       203 256         46/ 45       .7 3.9 2.6 2.0 .3 .0       1e5 165 336         42/ 41 1.2 1.6 1.0 .6 .1       1 2.0 .0         38/ 37       .1 .1 .5 .3 .1 .0       0 6 .4 .7         40/ 39       .1 .1 .2 .0       .1 .0         38/ 37       .1 .1 .2 .0       .1 .0         38/ 37       .1 .1 .2 .0       .1 .2 .2         36/ 35 .1 .1 .2 .0       .1 .2 .2       .25         36/ 29       .1 .2 .0       .1 .2 .2         28/ 27       .2 .1 .2       .2 .2         26/ 25       .2 .2       .2 .2         26/ 25       .2 .2       .2 .2         26/ 25       .2 .2       .2 .2         26/ 25       .2 .2       .2 .2         26/ 25       .2 .2       .2 .2         26/ 25       .2 .2       .2 .2
STATUTON   STATUTA NAME   STATUTA	56/ 55       .1 2.0 3.2 3.0 1.5 .0 .0 .1       216 227 113         54/ 53       .1 2.7 3.5 3.5 1.7 .9 .4 .1       35^ 5.9 187         52/ 51       .4 2.0 4.2 3.5 1.4 .7 .1       247 557 205         50/ 42       .4 5.2 4.1 3.2 1.1 .7 .1 .3       34^ 554 325         49/ 47       .5 3.1 3.6 2.5 1.5 .3 .1       29^ 2.5 390         40/ 45       .7 3.9 2.9 2.0 .7 .1       263 269 377         40/ 43       .7 1.9 2.c 1.0 .3 .0       1c5 159 336         42/ 41 1.2 1.6 1.0 .6 .1       1c4 122 279         40/ 39       .9 1.1 .5 .3 .1 .0       25 25 93         30/ 35       .1 .2 .0       32 25 25         30/ 35       .1 .2 .0       3         30/ 35       .1 .2 .0       3         30/ 27           26/ 25           26/ 25           26/ 25           26/ 25           26/ 25           26/ 25           26/ 25           26/ 25           26/ 25           27/ 21
STATION   STATION NAME   TEMPS   TEM	56/ 55       .1 2.0 3.2 3.0 1.5       .0 .6 .1       316 227 113         54/ 53       .1 2.7 3.5 3.5 1.7 .9 .4 .1       32^ 5.9 187         52/ 51       .4 2.6 4.2 3.5 1.4 .7 .1       347 .57 265         50/ 49       .4 5.2 4.1 2.2 1.1 .7 .1 .3       346 354 325         49/ 47       .5 3.1 3.6 2.5 1.0 .3 .1       29- 2.5 390         46/ 45       .7 3.9 2.9 2.0 .7 .1       263 266 373         42/ 41 1.2 1.6 1.0 .6 .1       1c4 122 279         40/ 39       .9 1.1 .5 .3 .1 .0       1c4 122 279         40/ 39       .9 1.1 .5 .3 .1 .0       25 25 93         36/ 35       .1 .1 .2 .0       12 12 23         32/ 31       .0       .1 .2 .0         30/ 29       .1 .0 .1       .1 .2 .0         38/ 27       .1 .0 .1 .1 .2 .0       .1 .2 .2         30/ 29       .1 .0 .1 .2 .0       .1 .2 .2 .2         26/ 25       .2 .2       .2 .2         26/ 25       .2 .2       .2 .2         26/ 25       .2 .2       .2 .2         26/ 25       .2 .2       .2 .2         26/ 25       .2 .2       .2 .2         26/ 25       .2 .2       .2 .2         26/ 25       .2 .2       .2 .2         26/ 25       <
STATION   STAT	56/ 55       .1 2.0 3.2 3.0 1.5       .0 .6 .1       316 227 113         54/ 53       .1 2.7 3.5 3.5 1.7 .9 .4 .1       35^ 3.9 187         50/ 40       .4 2.6 4.2 3.5 1.4 .7 .1       347 .57 265         50/ 40       .4 5.2 4.1 2.2 1.1 .7 .1 .3       346 354 325         43/ 47       .5 3.1 3.6 2.5 1.0 .3 .1       29- 2.5 390         46/ 45       .7 3.9 2.9 2.0 .7 .1       203 268 373         44/ 43       .7 1.9 2.2 1.0 .3 .0       1c5 165 336         42/ 41 1.2 1.6 1.0 .6 .1       1c4 122 779         40/ 39 .4 1.1 .5 .2 .3 .1 .0       25 25 93         36/ 35 .1 .1 .2 .0       36 25 25 93         36/ 35 .1 .1 .2 .0       37 7 7 12         30/ 29 .2 .2 .0       37 12         28/ 27 .2 .0       37 .1 .2 .0         30/ 29 .2 .1 .0 .3 .1       37 .1 .2 .3 .3 .3 .1 .0 .0 .1         30/ 29 .2 .1 .0 .3 .3 .3 .1 .0 .1 .2 .0 .1 .3 .3 .3 .3 .3 .1 .0 .0 .1 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3
STATUSA   STATUSA SAME   Part   1   1   1   1   1   1   1   1   1	56/ 55       .1 2.0 3.2 3.0 1.5       .0 .6 .1       314 2?? 113         54/ 53       .1 2.7 3.5 3.5 1.7       .9 .4 .1       35^ 3.9 187         52/ 51       .4 2.0 4.2 3.5 1.4       .7 .1       347 .5? 265         50/ 49       .4 5.2 4.1 2.2 1.1       .7 .1       346 .55 3.2         49/ 47       .5 3.1 3.6 2.5 1.6 .3 .1       .2 29 .2 25 390         46/ 45       .7 3.9 2.9 2.0 .7 .1       203 269 373         44/ 43       .7 1.9 2.c 1.0 .3 .0       1c5 165 336         42/ 41 1.2 1.6 1.0 .6 .1       1c5 165 336         40/ 39       .4 1.1 .5 .3 .1 .0       1         38/ 37       .1 .4 .1 .1 .0 .1       .1         38/ 37       .1 .4 .1 .1 .0 .1       .1         30/ 35       .1 .1 .2 .0 .0 .1       .25 25 93         30/ 37       .1 .0 .1 .2 .0 .1       .1 .2 .2 .3         30/ 29      4 .1 .1 .0 .1 .1 .2          28/ 27           26/ 25           22/ 21           22/ 21           22/ 21           22/ 21           22/ 2
STATION   STATION NAME   P 26: 1   9050-1   1   1   1   1   1   1   1   1   1	56/ 55       .1 2.0 3.2 3.0 1.5 .0 .6 .1       216 527 113         54/ 53       .1 2.7 3.6 3.5 1.7 .9 .4 .1       35^ 3.9 187         52/ 51       .4 2.6 4.2 3.5 1.4 .7 .1       347 .57 265         50/ 49       .4 3.2 4.1 2.2 1.1 .7 .1 .3       346 .52 3.7 265         48/ 47       .5 3.1 3.6 2.5 1.6 .3 .1       29r .75 390         46/ 45       .7 3.9 2.9 2.0 .7 .1       203 260 370         44/ 43       .7 1.9 2.2 1.0 .3 .0       165 155 336         42/ 41       1.2 1.6 1.0 .6 .1       12 779         40/ 39       .4 1.1 .5 .3 .1 .0       25 25 25         38/ 37       .1 .4 .1 .1 .0 .1       25 25 25         38/ 35       .1 .0 .1 .2 .0       25 25 23         34/ 33       .1 .0 .1 .2 .0       7 7 12         30/ 29       .1 .0 .1 .2 .0       .1 .0 .1 .2 .3         30/ 29       .1 .0 .1 .2 .0       .1 .1 .2 .3         26/ 25       .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .
STATICA NAME	56/ 55       .1 2.0 3.2 3.0 1.5       .0 .6       .1       314 327 113       350 3.9 187       52/ 53 .1 2.7 3.6 3.5 1.7 .9 .4 .1       350 3.9 187       52/ 51 .4 2.6 4.2 3.5 1.4 .7 .1       347 .57 265       50/ 42 .4 3.2 4.1 3.2 1.1 .7 .1 .3       346 354 325       347 .57 265       348 354 325       349 354 325       350 366 370       370 366 370
STATICAL NAME	56/ 55       1 2.0 3.2 3.0 1.5       .0 .6 .1       316 527 113         54/ 53       .1 2.7 3.5 3.5 1.7 .9 .0 .1       350 3.9 187         52/ 51       .4 2.6 4.2 3.5 1.4 .7 .1       347 .57 265         50/ 42       .4 3.2 4.1 3.2 1.1 .7 .1 .0       346 .54 325         43/ 47       .5 3.1 3.6 2.5 1.0 .3 .1       29 .25 396         46/ 45       .7 3.9 2.9 2.0 .7 .1       203 266 370         44/ 43       .7 1.9 2.2 1.0 .3 .0       1c5 155 336         42/ 41       1.2 1.6 1.0 .6 .1       1c5 155 336         42/ 41       1.2 1.6 1.0 .6 .1       25 25 93         36/ 35       .1 .1 .2 .0       .1 .2 .2         30/ 39       .4 1.1 .2 .0 .1       .0 .1         38/ 37       .1 .4 .1 .1 .0 .1       .1 .2 .5 .3         36/ 35       .1 .1 .2 .0       .1 .2 .53         30/ 29       .1 .0 .1 .2 .0       .1 .1 .2 .3         30/ 29       .1 .1 .2 .3 .3       .1 .0 .3 .3         26/ 25       .2 .2 .4 .23       .2 .2 .2 .2 .3
STATION   STATION NAME	56/ 55       .1 2.0 3.2 3.0 1.5       .0 .6 .1       314 527 113         54/ 53       .1 2.7 3.6 3.5 1.7 .9 .4 .1       350 3.9 187         52/ 51       .4 2.0 4.2 3.5 1.4 .7 .1       347 .57 265         50/ 49       .4 5.2 4.1 3.2 1.1 .7 .1 .3       346 .54 .325         43/ 47       .5 3.1 3.6 2.5 1.6 .3 .1       29r .20 390         46/ 45       .7 3.9 2.9 2.0 .7 .1       263 .266 370         44/ 43       .7 1.9 2.c 1.0 .3 .0       1c 1.5 1.5 336         42/ 41       1.2 1.6 1.3 .6 .1       1c 1.5 .2 .79         40/ 39       .4 1.1 1.5 .3 .1 .0       1         38/ 37       .1 .4 .1 .1 .0 .1       25 .25 .93         34/ 33       .1 .0 .1 .2 .0       1         30/ 35       .1 .2 .0 .1       25 .25 .93         32/ 31       .0       3         30/ 29       3       3         26/ 25       25
STATION   STATION NAME   Page   Pag	56/ 55       .1 2.0 3.2 3.0 1.5       .0 .6 .1       214 527 113         54/ 53       .1 2.7 3.6 3.5 1.7 .9 .4 .1       350 359 187         52/ 51       .4 2.6 4.2 3.5 1.4 .7 .1       347 .57 265         50/ 49       .4 3.2 4.1 3.2 1.1 .7 .1 .5       346 354 325         43/ 47       .5 3.1 3.6 2.5 1.6 .3 .1       29- 2.5 390         46/ 45       .7 3.4 2.9 2.0 .7 .1       263 266 372         44/ 43       .2 1.9 2.2 1.0 .3 .0       1c5 155 336         42/ 41       1.2 1.6 1.0 .6 .1       1c5 155 336         42/ 41 1.2 1.6 1.0 .6 .1       0 .1       0 .6 198         38/ 37       .1 .4 .1 .1 .0 .1       0 .1         36/ 35       .1 .1 .2 .0       .1         36/ 35       .1 .1 .2 .0       .1         30/ 35       .1 .0 .1       .1         32/ 31       .0       .1         32/ 31       .0       .1         38/ 27       .1 .0       .1         38/ 27       .1 .0       .1         30/ 29       .3       .1         28/ 27       .1       .2
STATION   STATION NAME   Page   Pag	56/ 55       .1 2.0 3.2 3.0 1.5       .0 .6 .1       214 527 113         54/ 53       .1 2.7 3.6 3.5 1.7       .9 .4 .1       350 5.9 187         52/ 51       .4 2.0 4.2 3.5 1.4 .7 .1       347 .57 265         50/ 49       .4 5.2 4.1 3.2 1.1 .7 .1 .3       346 354 325         43/ 47       .5 3.1 3.6 2.5 1.6 .3 .1       29- 2.5 390         46/ 45       .7 3.9 2.9 2.0 .7 .1       203 269 370         44/ 43       .2 1.9 2.2 1.0 .3 .0       165 155 336         42/ 41 1.2 1.6 1.0 .6 .1       1.5 .3 .1 .0         40/ 39       .9 1.1 .5 .3 .1 .1 .0       1         38/ 37       .1 .4 .1 .1 .0 .1       25 25 93         36/ 35 .1 .1 .2 .0 .1       .0 .1       25 25 93         34/ 33       .1 .0 .1 .0 .1       25 25 93         32/ 31       .0 .1 .0 .1       25 25 93         32/ 31       .0 .1 .0 .1       25 25 93         32/ 31       .0 .1 .0 .1       25 25 93         32/ 31       .0 .1 .0 .1       25 25 93         32/ 31       .0 .1 .1 .2 .0       .1 .1 .2 .0         36/ 29       .1 .1 .2 .0       .1 .1 .2 .0
STATION   STAT	56/55       .1 2.0 3.2 3.0 1.5       .0 .6       .1       214 527 113         54/53       .1 2.7 3.6 3.5 1.7       .9 .4 .1       35^ 3.59 187         52/51       .4 2.6 4.2 3.5 1.4 .7 .1       347 .57 265         50/49       .4 5.2 4.1 3.2 1.1 .7 .1 .3       346 354 325         43/47       .5 3.1 3.6 2.5 1.6 .3 .1       29- 2.5 390         46/45       .7 3.4 2.9 2.0 .7 .1       263 269 373         44/43       .7 1.9 2.2 1.0 .3 .0       1c4 152 376         42/41       1.2 1.6 1.0 .6 .1       1c4 122 279         40/39       .4 1.1 .3 .3 .3 .1       .1 .0 .1       25 25 93         36/35       .1 .1 .2 .0 .1       25 25 93         36/35       .1 .1 .2 .0 .1       12 12 53         34/33       .1 .0 .1 .2 .0       1 12
STATION AND   P_2(3)   QPG(3-1)	56/ 55       .1 2.0 3.2 3.0 1.5       .0 .0 .1       214 527 113         54/ 53       .1 2.7 3.6 3.5 1.7       .9 .4 .1       350 359 187         52/ 51       .4 2.0 4.2 3.5 1.4 .7 .1       347 .57 265         50/ 49       .4 3.2 4.1 3.2 1.1 .7 .1 .3       346 354 325         43/ 47       .5 3.1 3.6 2.5 1.0 .3 .1       29- 205 390         46/ 45       .7 3.9 2.9 2.0 .7 .1       203 269 370         44/ 43       .2 1.9 2.2 1.0 .3 .0       .1         42/ 41 1.2 1.6 1.0 .6 .1       1.5 .3 .1         40/ 39       .4 1.1 .5 .3 .1 .1 .0 .1       25 25 93         36/ 35       .1 .4 .1 .1 .0 .1       25 25 93         36/ 35       .1 .1 .2 .0 .1       27 7 12
STATION STATION SAME   Page 1   3903-	56/ 55       .1 2.0 3.2 3.0 1.5       .0 .6       .1       214 527 113         54/ 53       .1 2.7 3.6 3.5 1.7       .9 .4 .1       .35^ 3.59 187         52/ 51       .4 2.6 4.2 3.5 1.4 .7 .1       .1       .347 .57 265         50/ 49       .4 5.2 4.1 3.2 1.1 .7 .1 .3       .345 .35         43/ 47       .5 3.1 3.6 2.5 1.0 .3 .1       .29 2.5 390         46/ 45       .7 3.9 2.9 2.0 .7 .1       .1       .263 .269 .373         44/ 43       .2 1.9 2.2 1.0 .3 .0       .3 .0       .3 .6 .15 .3 .36         42/ 41       1.2 1.6 1.0 .6 .1       .1       .6 .1       .1 .6 .15 .3 .36         40/ 39       .4 1.1 .1 .0 .6 .1       .1 .0 .1       .25 .25 .93         36/ 35       .1 .1 .2 .0 .1       .1 .2 .2 .0       .25 .25 .93         36/ 35       .1 .1 .2 .0 .1       .2 .2 .2 .2       .2 .2 .2
STATION NAME	56/ 55       .1 2.0 3.2 3.0 1.5       .0 .6 .1       2(4 327 113         54/ 53       .1 2.7 3.6 3.5 1.7       .9 .4 .1       35^ 3.9 187         52/ 51       .4 2.0 4.2 3.5 1.4 .7       .1       347 .57 265         50/ 42       .4 3.2 4.1 3.2 1.1 .7 .1 .3       346 354 325         43/ 47       .5 3.1 3.6 2.5 1.0 .3 .1       29- 2.25 390         46/ 45       .7 3.9 2.9 2.0 .7 .1       263 266 373         44/ 43       .7 1.9 2.2 1.0 .3 .0       1c5 155 336         42/ 41 1.2 1.6 1.0 .6 .1       1c6 12 279         40/ 39       .4 1.1 .5 .3 .3 .1 .0       1 26 25 25 93         38/ 37       .1 .4 .1 .1 .0 .1       .0 .1
STATION NAME   P_4G: 1	56/ 55       .1 2.0 3.2 3.0 1.5 .0 .6 .1       3(4 527 113         54/ 53       .1 2.7 3.6 3.5 1.7 .9 .4 .1       350 3.9 157         52/ 51       .4 2.0 4.2 3.5 1.4 .7 .1       347 .57 265         50/ 49       .4 3.2 4.1 3.2 1.1 .7 .1 .3       346 .55 325         49/ 47       .5 3.1 3.6 2.5 1.0 .3 .1       29- 205 390         46/ 45       .7 3.9 2.9 2.0 .7 .1       263 266 370         44/ 43       .7 1.9 2.2 1.0 .3 .0       1c5 155 336         42/ 41 1.2 1.6 1.0 .6 .1 .1       1c6 122 279         40/ 39       .4 1.1 .5 .3 .3 .1 .0       0 6 64 198
STATION AND PLOT 1 0900-1 10005 1.5.  Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL TOTAL 10005 1.5.  Temp. O 1-2 3-4 5-6 7-8 9-10 11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-11 08-36-07-50-10-10-10-10-10-10-10-10-10-10-10-10-10	56/ 55       .1 2.0 3.2 3.0 1.5       .0 .6 .1       3(4 327 113         54/ 53       .1 2.7 3.6 3.5 1.7 .9 .4; .1       35^ 3.9 157         52/ 51       .4 2.0 4.2 3.5 1.4 .7 .1       347 .57 265         50/ 49       .4 3.2 4.1 3.2 1.1 .7 .1 .3       346 354 325         49/ 47       .5 3.1 3.6 2.5 1.0 .3 .1       29- 2.25 390         46/ 45       .7 3.9 2.9 2.0 .7; .1       263 266 372         44/ 43       .7 1.9 2.2 1.0 .3 .0       1c5 155 336         42/ 41 1.2 1.6 1.0 .6 .1;       1c6 122 279
STATION NAME	56/ 55       .1 2.0 3.2 3.0 1.5       .0 .6 .1       3(4 327 113         54/ 53       .1 2.7 3.6 3.5 1.7 .9 .4 .1       35^ 3.9 157         52/ 51       .4 2.0 4.2 3.5 1.4 .7 .1       347 .57 265         50/ 49       .4 3.2 4.1 3.2 1.1 .7 .1 .3       346 354 325         43/ 47       .5 3.1 3.6 2.5 1.0 .3 .1       29- 2.25 390         46/ 45       .7 3.9 2.9 2.0 .7 .1       263 266 372
STATION NAME	56/ 55     .1 2.0 3.2 3.0 1.5 .0 .6 .1     3(4 327 113       54/ 53     .1 2.7 3.6 3.5 1.7 .9 .4; .1     35^ 3.9 157       52/ 51     .4 2.0 4.2 3.5 1.4 .7 .1     347 .57 265       50/ 49     .4 3.2 4.1 3.2 1.1 .7 .1 .3     346 354 325       43/ 47     .5 3.1 3.6 2.5 1.6 .3 .1     29- 2^5 390       46/ 45     .7 3.9 2.9 2.0 .7 .1     263 266 373
STATION NAME   STATION NAME   P 400   1   030 03 = 1   1   1   1   1   1   1   1   1   1	56/ 55     .1 2.6 3.2 3.0 1.5 .0 .6 .1     3(4 327 113       54/ 53     .1 2.7 3.6 3.5 1.7 .9 .4; .1     35^ 3.9 157       52/ 51     .4 2.6 4.2 3.5 1.4 .7 .1     347 .57 265       50/ 42     .4 3.2 4.1 3.2 1.1 .7 .1 .3     346 354 325
STATION   STATION SAME   P 4 CP   1   309:00-1   TOTAL   TOT	56/ 55     .1 2.6 3.2 3.0 1.5 .6 .6 .1     3(4 2? / 113       54/ 53     .1 2.7 3.5 3.5 1.7 .9 .4 .1     350 3.9 187       52/ 51     .4 2.6 4.2 3.5 1.4 .7 .1     347 .57 265
STATION SAME   STATION SAME   P 4 G	56/ 55     .1 2.6 3.2 3.0 1.5 .0 .6 .1     314 2.7 113       54/ 53     .1 2.7 3.5 3.5 1.7 .9 .4 .1     350 3.5 1.7 .9
STATION   STATION NAME	56/ 55 .1 2.0 3.2 3.0 1.5 .0 .6 .1
STATION   STATION NAME	
STATION   STATION NAME	58/ 57
STATION   STATION NAME	
STATION   STATION NAME	$\frac{627}{69}$ $\frac{61}{61}$ $\frac{61}{11}$ $\frac{67}{12}$ $\frac{67}{12}$ $\frac{69}{12}$ $\frac{67}{12}$ $\frac{69}{12}$ $\frac{69}{12}$ $\frac{69}{12}$
### STATION NAME    P_4C  1	
STATION NAME	00/ 07
STATION NAME   VEARS   SENTENCE   1 GROUD	
STATION NAME  P 1 CO 1	
\$74104 \$74104 \$4400 \$100 \$100 \$100 \$100 \$100 \$100	
57A1-04 57A1-04 4445 YEARS P.4-C- 1 3/900-1	
3268 HCCLELLA、AFF CALIF/SACKAMENT) 40-72 FFA	
	22LB HOOLELLA, ARE CALLESSACEABERT) ACATO

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DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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Dew Point

### **PSYCHROMETRIC SUMMARY**

232UR HCCLELLA AF: CALIF/SACRAGENTÚ 40-72 FER MONTH
STATION STATION NAME
PAGE 1 1230-1460 HOURS CLESTE

WET BULB TEMPERATURE DEPRESSION (F) TOTAL 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 31 D.B. W.B. Dry Bulb 74/ 73 4 72/ 71 35 33 70/ 69 -1 • 1 ' 68/ 67 70 70 • 61 -0 115 117 . 3 64/ 63 1.1, 1.7, 1.3 175  $18\nu$ . 3 62/ 61 .3 1.8 1.8 2.6 1.3 .1 249 31 60/ 59 413 927 123 380 399 58/ 57 . 0 1.2 2.4 2.7 2. 2.6 1.6 27 36/ 55 1.3, 2.6, 3.3, 3.2, 1.0 359 371 251 . 2 333 54/ 53 ? . 3 3 . 0 2 . 5 1 . 2 .5 278 282 144 52/ 51 2.2 2.0 1.7 220 232 372 173 • 0: 224 145 149 406 50/ 49 1.8 1.3 ·0: 1. • 3! - 1 •0 • 6 48/ 47 112 396 267 111 . 2 298 338 07 46/ 45 .0; 1.8 .0 67 .0 37 37 201 294 44/ 43 . 2 .0 .0 .0 . 5 .1 • 1 42/ 41 .0 23 102 261 40/ 39 42 245 197 38/ 37 13, 36/ 35 119 2 34/ 33 100 66 32/ 31 30/ 29 78 28/ 27 31 26/ 25 24/ 23 17 22/ 21 9 20/ 19 13/ 1 7 16/ 15 14/ 13 12/ 1i 10/ ZX' ZX No. Obs. Mean Ne. of Fevrs with Temperature Element (X) 267 F 273 F 280 F 293 F Rel. Hum. \_ = 32 F -20F Dry Bulb Wet Bulb

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAL ETAC AIR WEATHER SERVICE/MAC MCCLELLA- AFB CALIF/SACRAMENTO 1200-1400 HOURS (L. S. T.) PASE Z WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 0 1-2 3-4 5 6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B. W.B. Dry Bulb Wet Bulb Dew Poin (F) TUTAL .611.415.120.720.015.5 9.4 4.8 1.9 .0 .1 2781 2697 Mean No. of Hours with Temperature Element (X) No. Obs. 167125 62.017.082 11142899 2697 267 F ≥ 73 F ≥ 80 F ≥ 93 F Rel. Hum. ≤ 0 F : 32 F 9056064 157868 56.8 5.758 Dry Bulb 2781 24 134355 49.8 4.875 115537 42.8 7.780 6757159 84 2697 2697 84. 5112677 Dew Point 8.2

DATA PRICESSING BRANCH USAF ETAC AIR HEATHLR SERVICE/MAC

**(**)

Dew Point

# **PSYCHROMETRIC SUMMARY**

23208 HCCLELLA · AFA CALIF/SACRAMENTO 40-72

STATION STATION NAME

PACE 1 1500-1/00
NOURS (L. S. T.)

WET BILLS TEMPERATURE DEPRESSION (E)

TOTAL

TOTAL

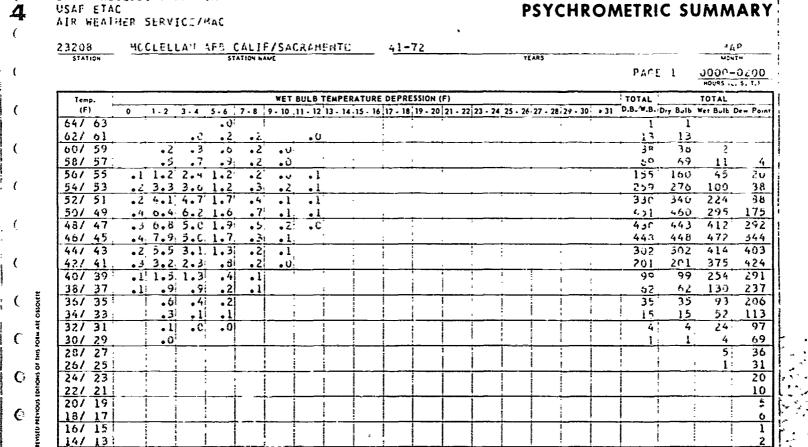
Temp.	<u> </u>							TEMPER									TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 . 6	7 - 8	9 - 10	11 - 12	13 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30; = 3	1 D.B. W.B.	Dry Bulb	Wet Bulb.	Dew Por
76/ 75								:	, Ù		.0				:		2	2		
74/ 73							2	2		1	.0						11	11		
72/ 71		•			•1,	. 3			.1	.1	•0						33	73		
70/ 69				.0	• 4:	. 5	. 4	4:	. 1	1	,						45	45		
68/ 67	+	<del>,                                     </del>	•1	. 2	. B:	•0	.9	.7	• 2	. 2	.0	ı					97	98	•	
65/ 65			.0	. 5	1.1,	1.5	11.4	0	. 3								151	152		
64/ 63	•	+	• 2'	1.1		1.7	1.0		. 4	.0	<del></del>			1			199	297	10	
62/ 61		. 2.	.7	2.2	2.9	2.3	1.0	1.5	.7	.2							326	336	37	ž
60/ 59		.0	1.4	2.7	3.3	2.3	11.9	1.0	. 5								366	379	91	
58/ 57	• 1	1.0			2.0						į	<u>.</u> 1			;		346	364	145	34
56/ 55					2.6							1 :				1	337	351	255	8
54/ 53	• 0	1.0	2.0	1.9	2.0	1.2	.7			;		, :		;			243	252		130
52/ 51			1.0			• 5								1			166	172	373.	15
50/ 49	1	1.0				.2				No.	l	1			i		149	153		24
48/ 47		1.4				.2				i				İ			78	76	361	26
46/ 45		1.4				.0				P .	•	i,				1	71	71	321	
44/ 43	•0			.1			•1			-		1				- :	23	23	164	29
42/ 41	٠.				i		1			•	•	i 1		1		i	15	16		
40/ 39	1	. 1					T					! 1				<u> </u>	2	2		23
38/ 37	•				i		į	1			ļ	1		1		į			l oi	
36/ 35	<del> </del>			_			<del>                                     </del>				<u> </u>	1		1			i		2	12
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32/ 31											i								1	8
30/ 29	l	1					1	1		No.		1 1			1	į	- 1	:		6
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16/ 15									-											
14/ 13	<b>!</b>	<u>                                      </u>			Li					l . <u></u>				!		L		! !		
TOTAL	.4	9.5	14.5	18.5	19.5	5.3	12.2	6.9	2.3	.8	•2	1.						2745		266
	<u> </u>												-	<u>-                                     </u>			2661	!	2561	
Element (X)	-	Z Y2			ΣχĴ		. X			- No. Ol	\$. <u>`</u> "				Meon Ne	of Hours	with Temperat	Ure .		-
Rel. Hum.		1044			16021		60.2			. 20		10F	750	1 32 F	_≥ 67_F	. ≥ 73 1	_ = 80 F	≥ 93.1	F	Total
Dry Bulb			0265		15841			₹5.9		2.7	45	en reserving	~_3	7 72 57 7 7 7 7	5.6	8	4	1		<u> </u>
Agt Bulbe,		679	1841		13379	3	50.3	*4.9	37	26	61	Franking &	-	•0		en entre		T	A 24 1 1 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR HEATHER SERVICE/MAC 23268 MCCLELLAN AFS CALIF/SACRAMENTS 1800-2000 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 72/ 71 70/ 69 08/ 67 .0 • 1 66/ 65 .0 10 .3: 64/ 63 .6 45 45 . 4 ،7٠ 62/ 61 . 81 56 60/ 5ª .9- 2.0 1.5 1.1 .1 32 175 178 2 58/ 57 241 23 56/ 55 .2. 2.4: 4.2 3.2 1.9 340 357 147 83 54/ 2.0 3.3 2.9 2.0 391 3/1 . 81 52/ 293 51 .2, 3.1, 3.9 2.5 2.4 . 2 340 351 160 2.9 5.1 50/ 49 2.8 352 359 363 229 48/ 47 .2 2.6 3.0 2.0 .0 242 245 351 277 46/ 45 3.6 2.2 371 211 264 .2 1.9 1.4 44/ 43 117 318 315 110 . 3 42/ 41 53 209 277 407 39 . 6 . 2 31 . 1 .0 31: 123 202 38/ 37 . 2 . υ 208 36/ 35 • 0 25 .0 120 34/ 33 10 125 32/ 31 67 50 28/ 27 29 23 241 14 22/ 21 10 20/ 19 16/ 15 2608 TUTAL 1.723.331.921.414.3 5.6 1.5 2687 2608 260A Element (X) No. Obs. Mean No. of Hours with Temperature Relf Hum. 14346431 189675 72.714.548 2608 . ≤ 0 F 1 32 F ≥ 67 F = 73 F ≥ 80 E. ≥ 93 F. 7382774 140104 52.1 5.373 Dry Bulb 2687 84 5990716 124254 47.6 5.212 Wet Bulb 5608 84 4974934 112370 43.1 7.150 Dew Point 2608 84

( 4,

AFETAC FOLM 0.26-5 (OLA) REVISED METOLIS FORM AND ONDERE

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIF WEATHER SEPVICE/MAC MCCLELLA- AF3 CALIF/SACRAMENTU FEE HIPCH 2100-2300 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 3-4 5-6 7-8 9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-23-D.B. W.B. Dry Bulb Wet Bulb Dew Poin 64/ c3 62/ 61 11 60/ 59 . 1 46 43 ٥ō 1.0:1.3 53/ 57 94 56/ 55 . 1 175 185 2.3 2.) . J. 44 77 259 281 • 0 52/ 51 .2 5.4 4.1 1.3 • 0 3.)2 315 198. 115 50/ 49 7 4.6 4.9 1.7 199 335 345 .5 5.9 4.9 2.2 255 43/ 41 377 382 259 46/ 45 6.2.4.2 356 357 370 259 44/ 43 5.1 3.3 1.1 234 373 331 . 5: 283 42/ 41 .5 2.6 1.7 159 . 8 160 296 314 40/ 39 2.0 1.3 117 119 229 .1 252 38/ 37 . 8 51 133 200 36/ 35 . 5 . 2 21 75 . O; 21 157 . 2 <u>.</u>0i 34/ 33 . 2 .0 47 11 116 32/ 31 19 18 30/ 29 46 28/ 27 33 1 26/ 25 38 24/ 23 31 22/ 21 20/ 19 18/ 17 14/ 13 12/ 11 TOTAL . 8 4.942.333.214.6 3.9 2608 2074 2608 2608 ŝ 0.26.5 Zy No. Obs. Element (X) Mean No. of Hours with Temperature 17090654 208528 80.012.653 Rel. Hum. 2608 267 F 273 F 30F 32F ≥ 80 F ≥ 93 F 129181 48.3 5.348 Dry Bulb-5317177 2674 84. 5413079 118003 45.2 5.500 2608 54 Wet Bulb · • 9 -84 Dew Point 4733750 -109550 图4260 7-117 2608 3.1



No. Obs.

2913

2967

2913

2913

79.111.682

44.8 5.069

41.4 6.454

142070 47.9 5.099

2967

2913

Mean No. of Hours with Temperature

1 32 F

• 2

151

8.9

2913

93.

93

93

2913

DATA PROCESSING BRANCH

12/ 11

Element (X)

Rel. Hum.

Dry Bulb

Wet Bull

Dew Paint

TOTAL

0.26.5 (OL

2.542.496.28 9 3.5 1.0

230419

130378

120554

18623569

5779912

5910198

5130388

DATA PROCESSING BRAHCH USAF ETAC AIR WEATHER SEFVICE/MAC

STATION NAME

238620 82,110,810 135209 45,7 5,392 125337 43,1 5,370

117011 -40.3 6.508

19933258

6262217 5487781

4834513

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

# PSYCHROMETRIC SUMMARY.

Mean No. of Hours with Temperature

≥1 32 F...

1.1

2.9

≥ 80 F ... > 93 F...

93

93

93

																PAS	<b>E</b> 1	HOURS IL	
Temp.					WET	BULB 7	EMPER	ATURE	DEPRI	SSION (	F)					TOTAL		TOTAL	
(F)	0 1-:	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24 2	25 - 26 27	- 28 29 - 3	1 . 31	D.B. W.B.	Dry Bulb	Wet Bulb	Cew Po
2/ 61				• 0		,			ļ	,	. F			•	1	1	1		
0/ 59		<u>u . L</u>		1					·		·					12	اد		
0/ 57		4, .4							•					•		30	39	-	_
6/ 55		9 1.0	. 5	· • U	<u>.1</u>											76	75	23	1
4/53		9: 2.4		• 1									•			159	156	69	3
2/ 51	.2 3.	8 2.9	.4		<u>.l</u>											214	225	114	6
0/ 49		à 4.7			• 1:	.1		•			-					397	478	238	12
3/ 47	.77.	1: 4.3	1.3		<u> i</u>											393	408	347	_ 23
6/ 45		3 4.6								1	,					448	456	404	30
4/ 43		7: 3.7			• 0-									ŧ		355	358	445	35
2/ 41	•	0 3.2		- 1				1	ş	1			!			32!	321	382	41
0/ 39	. 4: 4.	U 2.1						<u>.</u>		<u> </u>						204	204	327	34
8/ 37	.3 2.	8 .9						1		,		:		i	•	125	128	222	28
6/ 35 <u>,</u>	. Z 1 .	7 .9						į.		<u>:                                    </u>	i				1	86	86	147	22
4/ 33	•1; •	7 .4		0.	i				1		1	:		į		3.9	38		16
2/ 31:		6 .2						<u> </u>	1	!	1				i	27	22		12
0/ 29:		2 .1	0								1	1			1	; 6	8	59	7
8/ 27		1 .0	<u>;                                    </u>					<b>!</b>	1	i		!		<u> </u>	Ī	: 4	- 4		- 5
6/ 25	5	1	•					1	1	Ī			I	1		!		5	3
4/ 23:			i	1					<u> </u>	<u> </u>			i	1	!	<u>.</u>		1:	
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0/ 19		i .	<i>:</i>					<u> </u>	<u> </u>					!	<u> </u>	<u> </u>	<u>:</u>	<u> </u>	
8/ 17	i		1						Ī				- i					1	
6/ 15	i	<u> </u>	<u> </u>							ļ		!			<u> </u>	<u> </u>		<u> </u>	
0/ 9		T	]					ì	1				Ì		1	]	<u></u>		
6/ 5			<u> </u>	L					<u> </u>					1	!	1	ŧ	<u> </u>	
TAL	5.052.	432.1	8.2	1.9	3	.1		l	1			I				1	2960		290
i	1							<u> </u>	•	l	1					2904		2907	
MINAME	- venilher on											- STREET HOUSE					1		
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No. Obs. 2906 2960 2907

2906

41-72

DATA PYLICESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 23208 HUCLELLA - AFG CALIF/SACRAMENTO STATION NAME 0600-0600 PAGE 1

Temp.											DEPFES								TOTAL		TOTAL	
(F)	. 0	1	- 2	3 - 4			9 - 10	11 - 12	.13 - 14 -1	5 - 16	17 - 18 1	9 - 20	21 - 22	23 - 2	4 - 25 - 26	27 - 28,2	7 - 30	× 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Poir
64/ 63					. 0	. 0	•				: .								?	2		
62/ 01						. 1		1			-i											•
60/ 59		• -	• 1	• 2	. 3	. 1										•			24	25	ī	1
58/ 57		<u>, , , , , , , , , , , , , , , , , , , </u>	ر٠	.6			•	1 .0											54	55		2
55/ 55				1.4				1 .1			•		•				i		127	131	33	12
54/ 53		<u>. i Z</u>	. 3	2.0	1.2	ڌ .													2 ∪ 4	209	73	45
52/ 51				3.8	1.2			3 .0											283	304	151	75
50/ 49		5 نے ہ	.0	5.1	1.7	5		3											369	402	280	121
48/ 47					2.0		•	1					•						457	453	340	229
46/ 45		<u>့ ၁</u> ဂ်	. 3	4.3	1.3	. 2	• 1	U											384	388	451	330
44/ 43				3.0	1.1	2		•			•				1				327	332	400	354
42/ 41		· 61 4	4	2.5	.7				, '										25^	250	368	405
40/ 39	-	. 7 3	.6	2.2	.4	.1		•	,		1								208	203	304	319
38/ 37		4 2	.0	ç	. 3	1	<u></u>	· -	1 }		1 ;		1 :						107	107		300
36/ 35	•	• 1 <u></u> 1	. 7!	.6	.1		Į.				•				ī				76	76	130	227
34/ 33		• 1:	• ♂	. 4	.0	1	i	,	! 1		1 -		·			1	ł		41	41	87	192
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30/ 29		,	• 2				1	!	1 1		<u> </u>				1				5	. 5		
28/ 27	•	• 1.	• Z;				1	!	1 1							'	į		7	7	11	48
26/ 25					·	,	;				1 1		1 :		<u> </u>						4	
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18/ 17			1		:	1	! 	<u> </u>	! !		!!				!	+					<u>:</u>	<u> </u>
16/ 15			_İ.		İ	1	Ì.						1 1				l		İ	: :	I A	1
TOTAL	! 4	. 744	. 7	33.7	12.2	3.2	1.	21 -2			<del>-</del>		<del>! !</del>							3030		2975
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												-n		-			1					Bulletin
Element (X)		z,	?			Σχ		<b>T</b> .	72	.	No. Obs			- 1 -		Meën Ho	. of Hou	rš wit	h Tempera	ture	<del> </del>	<del></del>
Rel. Hum.	1	-19	445	3253		2379	79	80.0	11.76	5	. 297	5 :			± 32 F	* 2 67 F	2.7	3 F.	- 80 F	. 1 = 93	F. L	Total
Dry Bulb	1			1623		1408	31		5.71		303	0	Table To Table To	7.1	1.1				1.	112	~ -	73
-Wet Bulb	1			3348		1294			5.45		297		ger e an		2.7		2 2	-			a Waleskin	93
Dew Paint				7252					0.52		297				11.3	1.11						93

DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23200 MCCLELLA AFB CALIF/SACRAMFITU 40-72 . LARS DON'TH

STATION STATION NAME

PACE 1 0900-1100 HOURS IL. S. T.

Temp.			WET BULB T									TOTAL		TOTAL	
(F)	0 1-2 3-4	5-6 7-8	9 - 10 -11 - 12 -	13 - 14 -1	5 - 16 -	17 - 18 - 19	9 - 20 : 2	1 - 22 23	- 24 . 25 - 26	27 - 28 29	- 30 - 31	D.B. W.B.	Dry Bulb	Wer Bulb	Dew Pains
76/ 75				. l		• U	1		. )			5	5		
74/ 73			ن ۽	.1	.1						-	т,	2.,		
72/ 71			• 1	. 1	.0	. 1	-					7	7		
70/ 69		. ა	.2 .3	.5	.1	.1	٠0			-		3-	٦7		
68/ 67		.6 .3	.0 .5	• 2	. 1	. 1	• 0	•				65	88		
66/ 65		.2 .5	.9 1.1	• 5	• 4	. 2	•0					70	101		
64/ 63	• i	.7 1.2	1.2 .8	•5	.2						- "	147	154	l	
62/ 61			1.1 .6	.5	. 3	<u>.0</u>						195	200	7	
60/ 59		2.5 2.8		•7	• 1							271	270	42	2
58/ 57		4.2 2.9		<u>•5:</u>	.1							3.35	394	102	9
56/ 55		4.4 2.8		• 20	• 1				•	•		418	424	219	31
54/ 53	•'- 1.5.3.0				•0				i			404	411	323	98
52/ 51		3.2 2.0	.5: .1:		1	•				;		320	324	434	133
50/ 49	.1: 1.3: 4.0		.4: .1:			<u>:</u>		<u>:</u>	<u></u>	·		299	301	462	د 25
48/ 47	.1 1.2 2.0		.1 .1			,	,			:	•	154	157	474	332
46/ 45			•1:		:			<del></del>		<u> </u>		104	104	423	401
44/ 43			1 . !	1				1				42	42	262	391
42/41	<u>.0! .3! .1</u>	.1' .1		<del>- i</del> -	- :		!		<del></del>	<del>!                                    </del>		<u> 27.</u>	20	141	313
40/ 39,		-1	, ,	1	1	ŧ	1	:	3	ļ	ž	7	7	70	275
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36/ 35	; !			1	i	•	Ì	1	į	1	:	i '	,	15.	165
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30/ 29	<del>-                                    </del>	<del>!</del>				<del></del> -				<del>                                     </del>	<del> </del>	<del>!</del>			74
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26/ 25		<del>:</del>	<del></del>		<del></del> ‡	- 1				<del> </del>				<del></del> ;	31 17
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22/ 21	<del></del>	<del>                                     </del>	<del></del>		<del></del>			<del></del>	<del></del>	<del>                                     </del>	<del></del>	· ;	<del></del>	<del>,                                      </del>	3
20/ 19				i		-		ı		1		:	į	1	-
16/ 15	·	<del>                                     </del>		-+		<del>  -</del>	<del></del>		<del></del>	<del>i                                    </del>		<del> </del>	i		- 0
14/ 13				1	į		İ	i			1		i	1	7
10/ 9		<del>                                     </del>	<del>-   -  </del>	<del></del>	-1		<del>- i</del>		<del>-i</del>	<del></del>	<del></del>	<del>i - i</del>	<del>i</del>	i	3
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Element (X)	Σχ	2 X	7	•	-1 -1	No. Obs.		<del></del>		Méan Ná	of Hours wit	h Temperat			
Rel. Hum.			<del>  </del>		-			± NF	± 32 F		₹73 F	≥ 80 F	≥ 93 F	7	otal
Dry-Bulb		<del> </del>						7.7 7.7	<del></del> -	1	1	<del> </del> :	<del>†                                    </del>	<del>-   '</del>	
Wet Bulb -			75.77	1 172			3 B - 1 N			1	1			<del>-   -</del>	
0.200				#				<del></del>	<del></del>	<del> </del>	<del></del>	<del> </del>	<del> </del>	<del></del>	- + -

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF LTAC AIR MEATHER SERVICE/MAC MCCLELLA" AFE CALIF/SACRAMENTS
STATION NAME 440 W04"H 3900-1100 WET CULB TEMPERATURE DEPRESSION (F) TOTAL (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 + 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point TOTAL .> 6.620.525.619.211.6 7.1 3.7 1.6 .5 .1 37,58 3004 3004 0.26-5 (OL A) Element (X) Z X No. Obs. Meen No. of Hours with Temperature 190310 Rel Hum. 12768800 63.415.401 3004 267 F 273 F 280 F 493 F 3 32 F 169656 55.5 5.876 Dry Bulb 9517956 3058 93 146995 48.9 4.687 93-Wet Bulb 7258885 3004 3004 Dew Point 5530373 127237 42.4 6.854 93

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AIR MEATHER SERVICE/PAC MUCLELLA AFS CALIF/SACRAMENTO STATION NAME 1200-1400 HOURS 14. 5. 7. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 21 D.B. W.B. Dry Bulb Wer Bulb Dew Point 82/ 21 80/ 79 73/ 77 . 4 • 2 • 1 35 35 75/ 75 64 .6 ٥٥ 74/ 73 .6 99 172 . 1 72/ 71 132 70/ 09 ·9; 1·3: 1·5 . ŝ 196 155 68/ 67 1.7 1.5 225 .2 1.2 2.2 1.7 1.3 .6 1.5 2.0 2.1 1.6 . 3 667 65 1.0 245 250 64/ 63 297 301 62/ 61 .3 1.2 2.3 3.0 1.8 1.6 331 336 60/ 59 .5 1.4 3.1 3.7 1.7 1.0 375 579 58/ 57 .7 1.5 3.6 2.6 1.4 328 334 290 17 56/ 55 .91 1.8 2.9 1.8. 267 54/ 53 .6 1.1 1.4 1.4 . 3 . 81 . 2 173 120 175 392 32/ 51 . 6 . a! . 3 107 439 190 104 50/ 49 .3 . 5 . 1: . 3! . CI 59 488 251 48/ 47 239 . 8 . 3 46 306 • 2 46/ 45 , 3 .0 19 237 314 44/ 43 9: 114 350 42/ 41 306 40/ 39 18 275 38/ 37 4! 176 35/ 35 153 34/ 33 119 32/ 31 105 30/ 29 26/ 25 39 24/ 23 21 22/ 22 20/: 19 18/ 17 16/ 15 Element (X)

**PSYCHROMETRIC SUMMARY** 

3 32 F 267 E 373 F 30 F 293 F

DATA PRICESSING BRANCH

USAF ETAC

G

Rel. Hum.

Dry Bulb

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC MUCLELLA: AFR CALIF/SACRAMENTO #200-1400 PAGE 2 Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 - 21 - 22 23 - 74 25 - 26 27 - 28 29 - 30 + 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point 14/ 13 12/ 11 TOTAL 3.54 .5 4.5 5.5 9.617.629.615.311.7 6.7 4.2 Z.5 .7 .1 .1 3005 0.26.5 (OL A) Element (X) No. Obs. Rel. Hum. 8053831 3005 267 F. 273 F. ≥80 F 293 F 11801107 3059 Dry Bulb Wet Bulb. 8131847 155639 51.3 4.854 93-3005 3005 5561981 127143 42.5 75794 **93** Dew Point 10:7

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DATA PROCESSING BRANCH
USAL ETAC
ALP MEATURE SERVICE/MAC

PSYCHROMETRIC SUMMARY

HECLELLA AFO CALIF/SACRAMENTS

STATION

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Part 1 1500~1700

WET BULD TEMPERATURE DEPRESSION (F) TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18-19-20 21-22 23-24 25-26 127-28 29-30 + 31 D.B. Fast Der Point (F) 84/ 83 82/ 81 80/ 79 78/ 77 76/ 75 117 110 .4 1.0 1.0 ٠ù • 7 74/ 73 125 .6.1.1 72/ 71 .9 1.4 1.2 107 150 1 3 5 216 70/ 59 • 3 190 194 63/ 67 .4 1.5 1.5 1.2 66/ 65 2.0 2.0 2.3 1.1 200 270 64/ 63 2.1 2.3 1.8 1.2 33% 379 4) .8: 1.7 3.0 2.0: 1.2 1.0 304 308 59 62/ 51 . 3. 40/ 59 .9 2.3 2.4 2.0 1.2 302 307 toš 59/ 57 1.9 2.5 2.8: 1.2 316 319 305 193 56/ 55 365 72 . 4 192 .8 1.1 1.8 1.4 •9 .7 • 7. 54/ 53 . 9 124 123 360 107 . 1: . 3! 52/ 51 . 91 . 2 •2 ٠Ü, 130 101 457 171 22 50/ 49 . 8 ٥٥ . 3 420 . 2 224 .7 279 48 343 48/ 47 ٠6 • 1 • 0; 48 46/ 45 . 3: .0 243 324 44/ 43 117 291 . 2: .0 324 42/ 41 37 15 40/ 39 201 35/ 37 201 175 -36/ 35 • 0 34/ 33 127 32/ 31 31 91 -30/ 29 61 28/ 27 49 26/ 25 24/ 23 36 22/ 21 23 20/ 19 ZX Mean No. of Hours with Temperature Element (X) Rel. Hum. 1 32 F 267 F. - 273 F | 20 F | 297 F Dry Bulb Wet Bulb

_	CESSING ER	ANCH					_					
ISAF ETA IIR WEAT	C HER SEPVIC	. /MAC					P	SYCH	RON	NETRIC	SUN	AMA
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DATA PRUCESSING BRANCH PSYCHROMETRIC SUMMARY USAF ETAC ALP WEATHER SERVICE/MAC MCCLELLA AFR CALIF/SACRANGET 180 1-2000 HOURS IL. S. T WET LULB TEMPERATURE DEPRESSION (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 | 17 - 18 - 19 - 20 | 21 - 22 | 23 - 24 - 25 - 26 | 27 - 28 | 29 - 30 | 2 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 82/ 81 80/ 79 78/ 76/ 75 74/ 73 . l . l 72/ 71 70/ 69 69 ٠J 901 68/ 67 119 115 56/ 65 64/ 63 .7: 1.5. 1.4. 15% 154 .5 1.4 2.1 1.6 1... .3 2.1 2.2 2.1 1.0 224 25 62/ 61 222 607 59 274 280 .8 2.1 3.1 2.7 2.1 1.0 2.7 3.9 2.6 1.7 59/ 57 355 355 154 22 56/ 55 372 576 57 375 310 371 100 54/ 53 1.3 3.0 4.4 2.1 1.3 1.2 3.0 2.7 298 303 393 154 52/ 51 219 222 460 50/ 49 .1 1.3 2.7. 2.1 263 .2 1.4 1.4 1.1 • 0 48/ 47 145 426 290 93 46/ 45 .3 1.3 1.1 . 1 93 346 352 44/ 43 40 40 249 355 . 3 20 115 • l . 21 301 40/ 39 . 0 38/ 37 25 218 144 34/ 33  $\overline{111}$ 31 32/ 58 30/ 29 28/ 27 24 26/ 25 22 19 24/ 23 11 22/ 21 20/ 19 10 18/ 17 Mean No. of Hours with Temperature ± 0 F ≤ 32 F ≥67 F = 73 F = 80 F = 93 F Rel: Hum. Dry Bulb Wet Bulb' Dew Point

77 70 2

DATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIP WEATHER SERVICE/MAC MECLELLA'S AFE CALIF/SACRAMENTU 1800-2000 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B.-W.B. Dry Bulb Wer Bulb Dew Point 14/ 13: 2912 2912 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 12143112 182156 62.615.997 2911 ±0F = 32 F = 67 F = 73 F = 80 F = 93 F Total 9561545 .0 Dry Bulb 167205 56.4 6.522 2963 93. 7235883 Wet Bulb 144415 49.6 5.039 2912 93 5498113 124875 42.9 7.012 2912 Dew Point

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DATA PROCESSING BRANCH USAF ETAC AIR NEATHER SERVICE/MAC

MCCLELLA" AFS CALIF/SACRAMENTO

# PSYCHROMETRIC SUMMARY

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STATION		5	TATION NAM	E			_			YE	CARS				MON	TH
													PACE	1	2100-	
Temp.				WET BU	LB TE	MPERATI	URE C	EPRESSION (	(F)	***************************************	······································		TOTAL		TOTAL	
(F)	0 1 2 3	.4 5.6	7 - 8 9					7 - 18 19 - 20		3 - 24: 25 - 26	27 - 28:29 -	30 + 31		Dry Bulb		Dew Po
$\frac{727}{71}$			<del>, , , , , , , , , , , , , , , , , , , </del>		• 0								· ; ;	ī		
70/ 69.			,	.0	.0	. 1	}						54	4		
68/ 67			.1	• 2					1		· · · · · · · · · · · · · · · · · · ·		7	7		
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16 /4/	·	. 3	.5	•1,	• 0	• ij.			,				35	35		
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0/ 59	.3 1	.0 1.4	91	•>	.11	•0'							124	128	9	
18/ 57		.3 2.2		.4;	.1	.11	<u>. Qi</u>	1			·		197	204	36,	
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lement (X)	ΣX,		ZX			, T <sub>2</sub>		No. Obs.			Mean No.	of Hours wi	th Temperat	ute.		-
el. Ĥum.	162651		21405			3,363		2910	. ± 0.F	s 32 F	≥ 67 F	≥ 73 F	= 80 F.	≥ 93	F	Total
ry Bulb	78248		15142			5.319		2962		y	.4					
let Bolb	64642		1,3643			4.901		2911		1						
Pew Point	53786	89	12366	9 42	2.5	6.549	-	2911		5.7	15		-1	15.25		C

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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Dew Point

### **PSYCHROMETRIC SUMMARY**

23209 MCCLELLA AFF CALIF/SACRAMENTO 41-72

STATION STATION NAME

PAGE 1 3003-0200

MOURS IC. S. F. J.

Temp.	·									DEPRESS								TOTAL		TOTAL	
(F)	<u> </u>	1 - 2	3 · 4					13 - 14 1	5 - 16	17 - 18 19	- 20	21 - 22	23 - 24.	25 - 26	27 - 28	29 - 3	0. • 31		Dry Bulb	Wet Bulb	Dew Por
68/ 67				• 1	1			•										ς.	5		
66/ 65				. 3		• l	.0								•			. 22	22		
64/ 63		• 0		• [	. 7	• 1	• 0	. 0										56	د ٥		
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60/ 50		• 0		2.1		• 2		• 0										135	135	30	
58/ 57		•8	<u> </u>	<u> 2.3</u>	. 7		• •	-1										196	176	74	
56/ 55			3.9			. 4		• 1										201	231	117	
<u>54/ 53</u>			6.0				<u>, , , , , , , , , , , , , , , , , , , </u>					<del></del>					-;	305	290	232	
52/ 51			6.0							;								412	412	345	
56/ 40			7.5		<del></del>					·— ;					<del> </del>		-:	437	437	435	
43/ 47			3.0		1		3	ŀ		Į		1			Į.		1	337	332	465	
45/ 45	<del>, • <u>•</u> ,</del>	4.0	3.5	• 3											!		1	251.	156	437	
44/ 43			1.3				).						•				;	132	132	590	
42/ 41			1.0				1					<u> </u>			!		<del></del>	<u> </u>	87	215	
40/ 39						i						1	:				į	47	47	114	
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Rol. Húm.	<u> </u>		9015		2200	<u></u>		11.74	4	286		± 0 F	1 -	32 F	2 67		≥ 73 F	<del>,</del>	× 93	= T	Total
Drý Bůlb			0876		1470			5.43		286		_ 2 V F		74 F		2	- /3 6	1.	1 - 73		70101
Wet Bulb	<u> </u>		0347		1364			4.98		286					<u>                                     </u>	- ا		<del> </del>	<del></del>		9

DATA PRICESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF LITAC AIR WEATHER SERVICEIMAL MCCLELLA" AFG CALIFYSACRAMENTO 123 MONTH PACE 1 HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Post 1-2 3-4 5-6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 • e 64/ 63 .1 1. .3 62/ 61 60/ 29 • 5 •5 . 3 ٠ż 05 35 4 1 58/ 57 .7 1.0 151 30 10 101 56/ 55 1.3.2.5 1.6 57 • l 174 174 30 294 274 132 57 52/ 51 .2 5.1 5.9 1.4 • 1 372 372 255 126 50/ 49 434 484 388 202 46/ 47 .3 7.4 4.7.1.1 - 3 • 4 • 0 402 402 45C 338 40/ 45 .3 7.3 4.3 377 436 449 . 2 4.4. 2.4 . 6 44/ 43 3/1 224 224 431 42/ 41 3.1: 1.5 . 8: 108 168 **55**8 245 40/ 39 1.9 . ಚ .4 95 95 194 269 . 91 <u>•</u>7: 38/ 37 55 173 126 . 11 36/ 35 .5 • 0: 21 21 72 167 34/ 33 .0 53 40 32/ 31 54 30/ 29 , O-40 27 28/ 27 26/ 25 22 24/ 23 12 22/ 21 2 20/ 19 ī 18/ 17 16/ 15 2 2.244.187.712.0 2.9 2864 2864 28641 2865 ö Element (X) ZX3 No. Obs. Mean No. of Hours with Temperature 18882376 230506 ReleHum: 80.510.742 2864 20F 1 32 F 267 F 273 F 280 F 293 F Dry Bulb. 6888626 139672 48.8 5.189 2864 •0 90

2865

2864

•2

5.4

6088723

5350628

Dew Point

131301 45.8 4.989

122592 42.3 6.002

J300-0500

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DATA FRUCESSING BRANCH USAF ETAC AIR BEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23298 MCCLELLA AFR CALIF/SACRAMENTO 46-72 PERS MONTH

PACE 1 (5500-0600) #6085 (C.S. T.

																-0043	
Temp.								EPRESSION						TOTAL		TOTAL	
(F)	0 1.2 3	-4 5-6	7 - 8	9 - 10 ,11	1 - 12 1	3 - 14 1:	- 16 17	7 - 18 19 - 2	20 21 - 22,	23 - 24 2	5 - 26	27 - 28 29	- 30 - > 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew F
74/ 73								•0						1	1		
72/ 71				• U	<u>. u</u>	.0				47 4					. 3		
70/ 69			• •	. 1	• 0									- 1	¢		
68/ 67		• (		. 5	<u>.:</u>	. ?	• 11							23	23		
56/ 65		• •	-	. 3	• 1	• C	• U		•					31	31		
64/ 63		. 1 :		. 3	.1	<u>.1</u>								47	47		<b></b>
62/ 61	. 1	.3 1.0		• 4	• 2	• 0	•0							÷۶	8.8	4	
60/ 57		.9 2.		. 5	. 2	<u>.l.</u>								152	152	<del> </del>	
58/ 57	.1 .5 2	2.0 2.4	1.3	. 3	• 3	•0								252	222	03	
56/ 55	-1, 1-1, 4			• 4	• 3:									362	302	127	
54/ 53		.0 3.2		. 5	• 17	:		-					_	391	201	211	
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18/ 17			<del>                                     </del>								<u></u>			<u>:</u>	•	1	1
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Element (X)	ZX!		ZX			**		lo. Obs.					of Hours wit	~			
Rel. Hum.	167263		21787			2.76		2921	_ = 0 F	1 23	32 F	≥ 67 F	. ≥ 73 F	= 80 F	- 93	F	Total
Ory Bulb	78994		15096			5.85		7922		<del> -</del>		1.0	0	<u> </u>	<del></del>		
Wet Bulb	66692		13883			4.97		2922			. 1			<u> </u>		<u> </u>	5
Dew Polet	-561RC	IAAI	12693	A1: 24"	4-41	A . QR	KI .	2922	-1- ·		4.7	*	1 ~	1 -m		1	1

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AFETAC 10

DATA PRIJESSING BRHACH
USAF ETAC
ALF MEATHER SERVIC- / MAC

237.08 HCCLELLA AFR CALIF/SACRAMENTU +0-72
STATION STATION HAME

PSYCHROMETRIC SUMMARY

40-72

APR
MONTH

Par ( 1 3999-1100 Hours ...s. r.

84/63         82/79         78/77         76/75         74/73         3         72/71         08/67         08/67         06/05         04/63         62/61         04/63         02/61         06/59         08/53         38/40         22/10         41/3         33/3         41/3         33/3         41/4         56/55         41/4         54/53         41/4         41/4         41/4         42/4         43/4	<del></del>		<del></del>		<del></del>		
84/ 63 d2/ 61 80/ 79 78/ 77 76/ 75 74/ 73 72/ 71	<del></del>	308	3 32 F	€ 0/ F	- /3	1 - 73 F	i - 10181
84/ 63 d2/ 61 80/ 79 78/ 77 76/ 75 74/ 73 72/ 71 00	X X x Ne	s. 0bs.	# 32 F		ours with Temp		Total
84/ 63 d2/ 61 80/ 79 78/ 77 76/ 75 74/ 73 3					<del></del> _		11
84/ 63         80/ 79         78/ 77         76/ 75         74/ 73         72/ 71         70/ 69         68/ 67         66/ 65         64/ 63         62/ 61         60/ 59         58/ 57         41 1.3         56/ 55         41 1.7         2.3         54/ 53         41 1.8         2.4         52/ 51         66/ 45         67/ 52         68/ 57         69/ 55         60/ 59         60/ 59         60/ 59         60/ 59         60/ 59         60/ 59         60/ 50         7         10/ 50         10/ 50         10/ 50         10/ 50         10/ 50         10/ 60         10/ 60         10/ 60         10/ 60         10/ 60         10/ 60         10/ 60         10/ 60         10/ 60         10/ 60         10/ 60         10/ 60     <							1 1
84/ 63 d2/ 61 80/ 79 78/ 77 76/ 75 74/ 73 3					<del>  </del>		
64/63         d2/61         80/79         78/77         76/75         74/73         3         72/71       0         08/67       0         08/77       0         08/77       0         08/77       0         08/77       0         08/77       0	NAME OF THE PERSON						13
64/63         d2/61         80/79         78/77         76/75         74/73         72/71       0.1.6.6.7         72/59       0.1.3.1.4.1.         08/67       0.2.9.2.11.         66/05       0.1.2.2.4.2.8.1.         64/63       1.2.2.4.2.8.1.         62/61       0.1.1.6.3.5.2.0.1.         60/59       0.5.3.8.4.0.2.2.1.         58/57       0.4.1.3.3.3.3.3.0.1.5.         56/55       0.4.1.7.2.8.2.4.1.3.0.5.         54/53       0.4.1.8.2.4.1.3.0.5.         52/51       0.1.4.1.4.9.9.1.         50/49       1.7.1.3.0.5.5.0.         48/47       3.6.2.0         46/45       2.2.2.         44/43       1.1.1.2.0.5.5.0         42/41       0.0.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3						: ,	25
64/63         32/61         89/79         78/77         76/75         74/73         72/71       .0 .1 .6         72/59       .3 .3 1.4 1         08/67       .3 .2 .9 2.1 1         66/05       .4 1.5 2.0 1         64/63       1.2 2.4 2.8 1         62/61       .0 .1 1.6 3.5 2.0 1         60/59       .0 .5 3.8 4.0 2.2 1         58/57       .4 1.3 3.3 3.3 3.0 1.5         56/55       .4 1.7 2.8 2.7 1.0         54/53       .4 1.8 2.4 1.3         52/51       .0 1.4 1.4         50/49       .1 .7 1.3         46/45       .2 .2         44/43       .1 .1         40/39       .3 .6         38/37          36/35          36/35          36/35          36/35          36/33	A Part of the Part				1		24
64/63         32/61         89/79         78/77         76/75         74/73         72/71       .0         72/69       .3         08/67       .3         66/65       .4         64/63       1.2         62/61       .0         60/59       .0         58/57       .4         58/57       .4         54/53       .4         41.8       2.4         52/51       .0         59/49       .1         50/49       .1         50/49       .1         48/47       .3         46/45       .2         2.2       .4         44/43       .1         44/43       .1         46/35       .2         38/37       .0         36/35       .3         36/35       .3	E INTERNAL				!		46
64/63         32/61         89/79         78/77         76/75         74/73         72/71         08/67         66/65         64/63         62/61         60/59         68/57         68/67         64/63         12/24/28         62/61         60/59         0       11/6/35         58/57         4/13/33         58/57         4/13/33         54/53         4/16/32         52/51         6/16/49         6/16/49         6/17/49         6/18/49         6/19/49         7/10/49         7/10/49         7/10/49         7/10/49         7/10/49         7/10/49         7/10/49         7/10/49         7/10/49         8/10/49         7/10/49         7/10/49         7/10/49         7/10/49         7/10/49         7/10/49         8/10/49         8/10/49		<del>-   -   -   -   -   -   -   -   -   -  </del>					54
64/63         d2/61         80/79         78/77         76/75         74/73         72/71         72/59         08/67         66/05         64/63         62/61         60/59         58/57         58/57         56/55         4113/33333015         52/51         61/49 </td <th>t desirent</th> <td></td> <td></td> <td>•</td> <td></td> <td></td> <td>52</td>	t desirent			•			52
64/63         32/61         80/79         78/77         76/70         74/73         72/71         72/69         08/67         66/65         04/63         62/61         60/59         58/57         66/59         66/65         67/10         68/67         64/63         1.2/2.4         2.8/1.5         62/61         60/59         0.5/3.8         40/3.3         3.3/3.3         3.0/1.5         58/57         41/3         3.3/3.3         3.0/1.5         54/53         41/4         52/51         61/4         61/4         61/4         61/4         61/4         61/4         62/6         63/6         64/1.3         3.8         40/53         41/4         41/4         42/41         40/43         41/4         42/41		<del>-   -   -   -   -   -   -   -   -   -  </del>	<del></del>	<del>i</del>	<del> </del>	<del></del>	107
84/ 63         32/ 61         80/ 79         78/ 77         76/ 75         74/ 73         3         72/ 71         00 1 0         07/ 69         08/ 67         09/ 11/ 10/ 20/ 20/ 20/ 20/ 20/ 20/ 20/ 20/ 20/ 2	HIPPOTENTIAL A 444				1		132
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84/ 63 d2/ 61 80/ 79 78/ 77 76/ 75 72/ 71 72/ 71 72/ 71 72/ 69 08/ 67 08/ 67 08/ 67 08/ 67 08/ 63 64/ 63 62/ 61 09/ 61 60/ 59	.9 .1 .1		1		13		464 229
84/ 63 d2/ 61 80/ 79 78/ 77 76/ 75 72/ 71 72/ 71 72/ 69 08/ 67 08/ 67 08/ 67 08/ 67 08/ 63 64/ 63 62/ 61 09/ 61 09/ 63 64/ 63 64/ 63 65/ 65 65/ 65 64/ 63 65/ 65 64/ 63 65/ 65 64/ 63 65/ 65 64/ 63 65/ 65 64/ 63 65/ 65 64/ 63 65/ 65 64/ 63 65/ 65 64/ 63 65/ 65/ 65 65/ 65 65/ 65 65/ 65 65/ 65 65/ 65 65/ 65 65/ 65 65/ 65 65/ 65/ 65 65/ 65/ 65 65/ 65/ 65/ 65/ 65/ 65/ 65/ 65/ 65/ 65/	1.3 .4 .2'	<u> </u>	1	!	19		453 158
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84/ 53 d2/ 61 80/ 79 78/ 77 76/ 75 74/ 73 72/ 71 00 1 66 67 05/ 67 05/ 65 06/ 63 1.2/ 2.4/ 2.8 1.6 62/ 61 00 1.6/ 3.5/ 2.0 1.6		<del>-</del> -			31		215 32
84/ 63 d2/ 61 80/ 79 78/ 77 76/ 75 74/ 73 72/ 71 00 01 06 0 72/ 69 08/ 67 08/ 67 08/ 67 08/ 63 1.2  2.4  2.8  1.6		•0			30		1+5 17
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84/ 63 82/ 61 80/ 79 78/ 77 76/ 75 74/ 73 72/ 71 .0 .1 .6 .7 70/ 59 .J .3 1.4 1.		•4 •0			19	_	2
84/ 63 82/ 61 80/ 79 78/ 77,		.31			16		
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e4/ 63 d2/ 61 80/ 79 78/ 77		.3 .1 .1				6 96	
64/ 63 d2/ 61 80/ 79	.0 .4 .5 .0	.3 .1 .1	• 0		5	1 41	
64/ 63 62/ 61	.3 .2 .3	•Ž. •Ž. •J			з	6 35	
e4/ 63			• ()			? ?2	
	.1 .5	_	• (1				
	7 - 8 7 - 10 11 - 12 13 - 14 13 - 10 17 -		· Č	- 20127 - 30		1 1	THE DUTE DE STOTE
Temp. WET BULB (5) 0 1-2 3-4 5-6 7-8 9-10 11-1	WET BULB TEMPERATURE DE		24:25 24:22	20,20 20	TOTA		TOTAL

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC MCCLELLA- AFE CALIFYSACRAMENTS -- - WONTH 0960-1100 PACE 2 HOURS IL. 5. T. WET BULB TEMPERATURE DEPRESSION (F' TOTAL TOTAL 0 1-2 3-4 5-6 7-8 9-10:11-12:13-14:15-16:17-18:19-20:21-22:23-24:25-26:27-28:29-30 +31 D.B.-W.B. Dry Bulb Wet Bulb Dew Point 14/ 2953 <u>2953</u> 2953 .1 3.2 9.118.121.217.712.5 8.7 5.2 2.7 .y 2953 õ Element (X) No. Obs.  $\Sigma^{X_3}$ ΣX X Mean No. of Hours with Temperature Rel. Hum. 9962833 105749 56.114.914 2952 #67 F | #73 F | #80 F | #93 F = 0 F. = 32 F Dry Bulb 11298522 181462 61.5 7.073 2953 21.4 6.5 90 ..61. 155416 52.6 4.887 131929 44.7 6.776 Wet Bulb 8250020 2953 90. 2953 Dew Point 6029647

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BATA PROCESSING BRANCH HISAF LTAC AIP WEATHER SERVIC /MAC

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#### **PSYCHROMETRIC SUMMARY**

TOTAL

23238 MCCLELLA NEG CALIF/SACRANICHTU 49-72

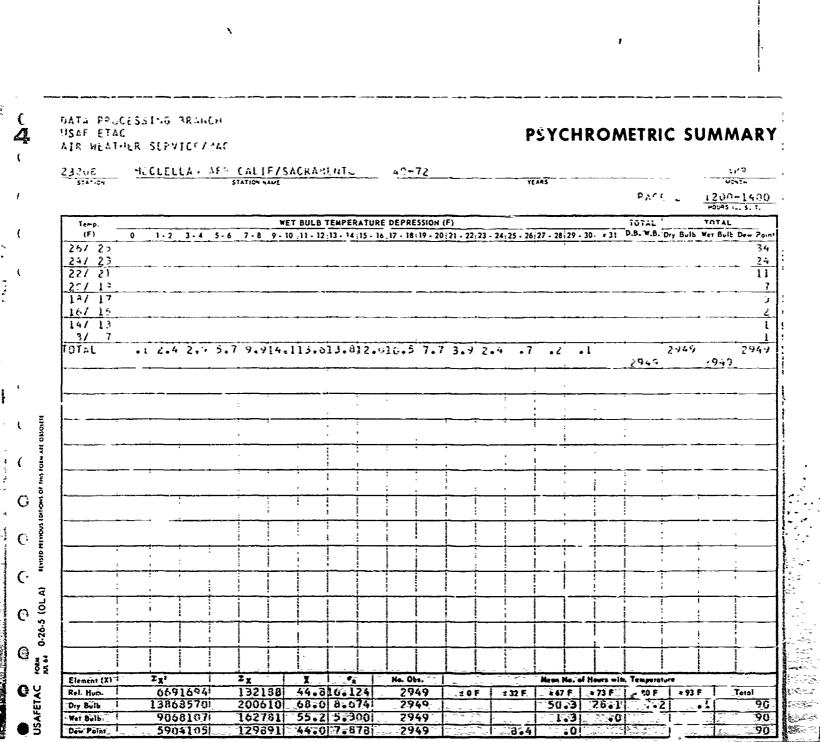
Part 1 1290-1430

MONTH

TOTAL

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 -11 - 12:13 - 14:15 - 16:17 - 18:19 - 20:21 - 22:23 - 24:25 - 26:27 - 28:29 - 30 + 31 D.B. M.B. Dry Bulb Wet Bulb De- Point 94/ 93 92/ 91 97/ 62 ٠. . ì 88/ 87 85/ 65 • 3 47 • 3 42 - ì 84/ 83 82/ 81 36 3 43 80/ 79 144 172 78/ 77 1.3 1.3 172 • 3 76/ 75 130 137 74/ 73 251 .5 4.3' 1.4 1.3 201 72/ 71 220 1.4: 2.4: 1.1 231 70/ 59 1.1 1.5 2.0 1.4 231 14 .5 ٠v <u>25</u> 72 58/ 57 207 257 273 56/ 65 .6 2.2 2.4 1.3 1.3 273 ı .3 1.4 2.6 1.7 245 64/ 63 . 91 240 156 .0 . 51 62/ 61 .5 1.8 2.0 189 189 223 . 0: 15 .4 60/ 59 .9 1.5 1.4 . 3 150 140 327 }ບ 58/ 57 .3 303 .4 1.1 1.3 1.0 .3! 143 143 49 . 3 • Đ; .7 1.3 101 56/ 55 437 37 . 5 101 . 51 .91 60 . 3! 54/ 53 59 403 150 .4 • 13 . 7 52/ 51 . 3 35 255 . 3 50/ 49 35 316 48/ 47 . 2 . l: 220 337 45/ 451 . 2 . 1 93 347 44/ 43 273 42/ 41 260 40/ 39 199 38/ 37 147 123 36/ 35 34/ 33 70 32/ 31 87 30/ 29 59 28/ 27 ΣX, No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. 10F | 132F | 167F | 173F | 180F | 193F Total Dry Bulb Wet Bulb Dew Point .

WET BULB TEMPERATURE DEPRESSION (F)



DATA PPUCESSING BRINCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR MEATHER GERVIC' /MAG HECLELLA: AFS CALIF/SACRAMENTU MARTH Park I 1500-1700 HQUAS '.. #. T. MET BUI'S TEPBEDY LIBE DEBBEZZION (E) Temp. TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 17 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 D.B. W.D. Dry Bulb Wet Dur Den Tu 94/ 93 92/ 91 90/ 69 15 . 3 . 1 . 2 88/ 67 40 74 86/ 83 . 3 74 . 1 54/ 63 101 . t 18 \25 140 140 .2' 1.0 1.1' 1.2 • 1 177 607 79 177 78/ 77 .5 105 195 1.4 1.2 1.5 76/ 75 174 174 74/ 73 1.5 1.5 213 دًا ۽ • 5 1.7 .3: 1.1: 1.1. 1.4 170 72/ 71 175 70/ 49 .1 1.0 1.5 1.0 1.5 .5 220 224 68/ 67 244 .7: 1.1, 2.1-1.5; 1.2 244 C .8 2.0 1.7 1.4 225 225 85 ī 66/ 65 • 3 . 0 1.0 1.9 1.2 127 64/ 63 . 2 . 2 187 165 Ò 62/ 6I . 1 . 2 1.2: 1.3 ć٠ 136 130 245 16 60/ 39 . 8 1.4 142 356 19 • BI 507 57 110 119 352 42 .11 .61 1.4: .01 • 2: 56/ 55 1.0 . 91 .7 . 8: •0 114 114 407 . 2: G . 8 54/ 53 . 5 . 2 70 70 358 153 .9. .7 o q 58 331 215 30 50/ 49 30 251 270 .2 • 41 48/ 47 .7 .0 26 180' Z98 . 2 26 46! 45 . 2 10: 10 951 327 44/ 43 +3 308 4 42/ 41 254 40/ 39 205 138/ 37 168 367: 35 133 **34//33** 97 327\$31 67 30/- 29 28/- 27 85 <u>~</u> Element (X) **表文章 夏** -3 0 F 267 F 373 F 280 F 293 F Total Rel. Hum. s 32 F Dry Bulb X-0-三型 经 C 31 -

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24 2 2 2

Met Bele:

Den Point

DATA PRICESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE /MAC HUCLELLA AFT CALIF/SACRAMENTS 150 1-1700 HOURS ... S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20:21 - 22 23 - 24 25 - 26 27 - 28:29 - 30 - 31 D.B. W.B. Dry Bulb Wer Bulb Dem Point 25/ 25 24/ 23 22/ 21 12 20/ 19 18/ 17 16/ 15 14/ 13 12/ 11 TOTAL .: 2.7 4.7 4.1 B.010.011.010.812.211.0 9.1 7.3 5.1 1.0 1.1 .1 .1 C Mean No. of Hours with Temperature No. Obs. Element (X) Zx' 267 F ₹73 F 20 F 293 F 5232386 124510 42.717.770 2919 30F Total Bell Him. 55.3 35.2 15.0 1.4 2 .0 14304983 202401 69.3 9.631 2919: Dry Bulb Wet Bulb 9053641 161577 55.5 5.446 2919 Point 5688924 126616 43.4 6:193 7919

DATA PROCESSING BRANCH USAF ETAC AIR HEATHER SERVIC./MAG

MCCLELLAL AFB CALIF/SACRAMENTS

23213 STATION

# PSYCHROMETRIC SUMMARY

											Pift	l	150 )- HOURS	
Temp.	<del></del>		TET BULB T								TOTAL		TOTAL	
(F) <sup>~</sup>	0 1-2 3-4	5-6 7-8 9-	10 11 - 12	13 - 14 -15	- 16.17 - 18	19 - 20	21 - 22;2	3 - 24 25 -	- 26 27 - 28,2	7 - 30 + 31	D.B. W.B. D	ry Bulo	Wet Bulb E	e- Point
92/ 89						•:			. 1		· · · · · ·	- 2		
88/ 87							• -		. i		•	4		
85/ 85					•17	<u>-</u> -	•1	•1	• 1		i -	į 4	•	
84/ 63				, J	.1 .1	• i	• 1	• 1			14	1-+		
827 81				• <u>i</u>	.2 .1	.2	.3	•1			250	7.)		
807 79			.0 .1	. 3	.5 .2	.5	• i	• 2_			5.5	53		_
78/ 77			.1 .1	.6	.5 .5	.4	• 2	• 1			77	75		
75/ 75			.2 .5.	_ <b>,</b> d	<u>. 5</u> . 5	3.	ية و				#!	91		
74/ 73		.1	.1 .9	.7	.8 .8	.3	٠.٤	• •			117	110		
72/ 71			.9 1.2.		.6 .4		•1				154	134		
70/ 69		.1' .5' 1	.2 1.2	1.2	.7	• 3					Sel	142	5	
68/ 67		.4.1.1.1			.7 .3						178	178	12	
66/ 65	.1				•5: •3	_			•		Sca	504	43	
64/ 63		1.1, 1.6, 2			• 3 • • 3						554	226	78	4
62/61	.1 .3	! : -		- :	• 6 • 0	:					243	243	149	12
60/ 59		2.4 2.4 1			<u>• Z:</u>	<del></del>					260	269	217	
58/ 57	.7 1.3	,	.0! .7!	• 5	•0		-		1		274	274	271	65
56/ 55		3.0 1.6 1					<del></del>	<del></del>	_ <del>;</del>		249	249	353	122
54/ 53	.0 .9 1.9		•6' •2		•9	, ,	-				193	193	364	215
52/ 51	.1 .9 1.4		.2 .0	-1	š	<del>:</del> :	<del></del>	<del></del>	<del></del>		137	137	407	198
50/ 49	.1 .7 1.3	. 1 .1	.0	į	:	;	1	į		,	81	81	339	279
43/ 47	1.1 .9		<del></del>		•	;	<del></del>	<del></del>	<del></del>	<del></del>	73	<u>73</u>	266. 213	336 336
467 45	.6 .5	1 - 1		I			•	•	rib en de	5 E				29 <u>2</u>
44/ 43	•2: •1					; :	- 1	<del></del>	<del></del>	<del> ;</del>	10.	10:	36	253
42/ 41				į	i			í		ŧ	i 1,		. g	200
38/ 37	<del></del>		1	<del></del> i	<del></del>	-	<del>-                                    </del>	<del></del> -		<del></del>	<del>:                                    </del>	<u>-</u>		147
36/ 35				1	Ī			į			1		•	96
34/ 33	<del> </del>	<del>                                     </del>	<del>i</del>		<del>-i</del>		<del></del>	<del>i-</del>	<del>- i - i</del>	<del></del>	1 7			<del>- 39</del>
32/ 31		and the state of t		1	1		1	1		į		=	:	63
30/ 29		<del>i i i</del>	<del>- i - i</del>	—— <del> </del> —	<del>- i -</del>		<u>i</u>	<del></del>	T i		1 1			38
28/ 27	- I		11					ŧ				•	,	29
25/ 25	<del></del>	<del>i i i</del>	i		1			<del></del>	<del>-   -  </del>		1			26
24/ 23	<b>医</b>			. ,		1 . 1			1			i		16
Element (X)	ZXI W	Zx	1 5	7	He. O		7.1		Hean No	of Hours wi	h Temperatu	re		
Rel. Hom.	\$ C. S. S. S. S. S. S. S. S. S. S. S. S. S.		- E	<b>123</b>		_\$r	30F	# 32	F. 267 F	5 73 F	1 = 80 F	- 93 F	一個計	erel
Dry Bulb	2250			EJAJ.	1. T	^_\* <u></u>	£4.5.	7		<b>李</b>	1 2 - 1		3 53 9 67	***
4 2 min	<b>G</b> eorge Co.			The state of the s	1			- 1 - 1	1 . 425		1		** 45E.0	

41-72

FATA PROCESSING BRANCH PSYCHROMETRIC SUMMARY. USAF ETAC AIR MEATHER SERVIC' /MAC 2320F MUCLEULA'S AFR CALIF/SACRANESSTO W24TH 1663-2630 NODES 1, 5, 7 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1-2 3-4 5-6 7-8 9-10 11-12-13-14-15-16-17-18 19-20:21-22-23-24 25-26 27-28-29-30 #31 D.B. W.A. Dry Bulb Wet Buit Dew Part 22/ 21 20/ 13 16/ 17 14/ 13 .: 0.310.010.115.914.312.0 8.7 0.0 4.1 2.1 1.2 .6 .. 2551 TUTAL m No. of Hours with Temperature Element (X) ZX 160179 56.017.729 178284 62.3 8.590 9866935 2861 27.1 12.2 - 2.9 11320834 2861 Diy Bulb 90 Wet Bulb 8153048 151908 >3.1 5.526 <del>90</del> .51 5929036 123488 44.9 7.447 2861 5.71 90 Dew Point

MATA PRUTESSING PRINCH USAR ETAL AIR MEATHER SERVICIVIAC

# **PSYCHROMETRIC SUMMARY**

7325 SECLELLA AFS CALIFESACRAMENTU 41-72

STATION STATION NAME

Par 1 1103-2370
HOURS TO. S. T.

lemp.									DEPRESSION					TOTAL		TOTAL	
(F)	0 1 . 2	3 - 4	5 - 6				13 - 14 -	15 - 16	17 - 18:19 - 20	21 - 22-2	3 - 24:25 - 2	6:27 - 28:29	- 30 - 31	D.B. W.B.	Dry Bulb	Wet Built	Dew P
76/ 75				. 6	• 0		+ 1		•					<b>5</b> ,	5		
74/ 73			• ()	_ • •	. 1		.1	• 11		<b></b>				·	. 9.		
12/ 71			• 1	• 2	٤.	. 3	• 1							37	30		
71.1 69		· · · · · · · · · · · · · · · · · · ·	• 2	.2	• -	• 4		ر.					man makes a seem	<u> </u>	40		
68/ 67			, 4	• 7	• 7	• 3	. 2	• *						ć.	48	4	
851 55		- 1	• 7;	1.4	• 6		• 4	- 1						71	93	ξ.	
64/ 63		. 3	1.4	1.4	• 0		• 7	ē.						115	115	16	
62/ 51	1	• 6	2.0	1.6	• 5			<u>. u</u>				·		120	.50	44	
607 59	٠,	1.5	3.1	1.3		• 4	• 1	.0	•					254	254	65	
54/ 57		3.1			<u>. t</u>									30≎	309	142	
56/ 55	.1 1.5		4 - 1	1.9	. 8							; ·		306	398	265	,
54/ 53	1.6	5.3	3.4	1.2	7									301	361	311	1'
52/ 51	.1. 2.4				• 4				ţ	•		*		350	350	302	2
50/ 49	.t. 2.4			• 7	. 4	1			! !					273	273	450	3
48/ 47		2.9:		. 2							•	1	•	192	192	411	3
45/ 45	.1 1.5		. 5	. 1	<u> </u>									114	114	316	3
44/ 43	8.	ł	اق .	- 1					•		Į.			٦Ę	58	210.	
12/ 41			<u>. l</u>	<u>. u</u> !						1		<u> </u>		. 20	29	116	3
40/ 39	.0	.1		1					•			i '	i	' 3'	3	57:	
38/ 37		Ĺ				<u>i</u>				<u> </u>		!				13	
36/ 35	r i	ļ		į						1 !		1 1	1	! -		7	- (
34/ 33.			i							<u> </u>				!		· ·	
32/ 31.			<b>\$</b>	!			, (					1	1		1	,	
30/ 29		<u> </u>				:			<u> </u>			<u> </u>					
2A/ 27	l		- 1	į					i				Į	İ		!	
2 11 25		<u> </u>							<u> </u>	<u> </u>		_!!_		<del></del>			
73	1		1	•		1	. 1		1			1 :	ļ	(			
22/		-				<u> </u>			, 	1			!	<u> </u>			
20/ 17			1	1							}		1				
18/ 17				-,	7= -	<del> </del>	<del>   </del>		<del>i</del> + <b></b>					<u> </u>			
TOTAL	.415.1	31.9%	4.7	14.0	1.0	3.4	1.0	ě,	i	1	i				2865		26
<u>_</u>		1				i -			<del>                                     </del>		<del>-  </del>			2865		2865	
					_	<u> </u>		<del></del> -		<del>                                     </del>							
Element (X)	Σχ'	2910		20142	36	70 3	13.62	- 12	же. оы. 2865	ļ <u>-</u>			of Hours wit	· · · · · · · · · · · · · · · · · · ·	-;		
Rel. Hum.		5094		: 80			6.2		2865	= 0 F	j ≤ 32 F	2 67 F	≥ 73 F	≥ 20 F	× 93 1	F ] ]	Total
Dan Bill		JU 77!			ω <u>ς</u>	4366	1042	U.	" ¢ ō o ɔ '	i	į.	4.8	4	!			
Dry Bulb Wet.Bulb		6482		1432	221	50 : A	5.1	721	2865			1		1			-

DATA PRUCISSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR HEATHER SERVICE/MAC MCCLELLAT AFR CALIF/SACRAMINTO 23298 STATION NAME MONTH STATION PACE 1 J000-0200 HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poin 76/ 75 .1: 4 74/ 73 • i .0 • 1 .3 20 72/ 71 •0 79/ 09 68/ 67 49 . 5 . 5 661 65 . Ū. 64/ 63 • ! .7 1.5 1.3 • 3 137 132 1 62/ 61 177 .5 2.2 3.7: 1.8 281 681 67 60/ 59 . 4 . 1 ť 3.8 1.7 53/ 57 35% ئ56 .5: 4.1 154 55/ 55 3.3 6.8 5.5: 1.2 524 574 314 51^ 54/ 53 4.3 0.0 210 461 404 52/ 51 395 395 .31 4.0 6.1 2.3 507 329 . 4 • 2 50/ 49 2.1 3.7 204 204 616 451 97 43/ 47 1.6 1.4 . 1 97 351 529 .9 51 480 46/ 45 . h .0 259 30 359 44/ 43 •41 ٠ غ . 3 35 30 42/ 41 228 97 40/ 39 16 39/ 37 53 10 36/ 35 33 34/ 33 25 16 32/ 31 30/ 29 13 28/ 27 26/ 25 24/ 23 1 22/ 21 20/ 19 TOTAL 2946 2966 2966 2966 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 16214204 215960 72.812.852 5366 267 F | 273 F | 280 F ≥ 93 F 10 F . ± 32 F 9319043 165487 55.8 5.378 2966: 93 Dry Bulb 3.7 93 2966 7765144 151266 51.0 4.130 Wet-Bulb

2966

93

138651 -46.7 5:080

Dew Point

6558021

TY

DATA PROCESSING BRANCH USAF LTAC AIR WEATHER SERVICE/MAC

# **PSYCHROMETRIC SUMMARY**

Temp.		WET BULB TEMPERAT				TOTAL	TOTAL
(F)	0 1-2 3-4 5-6 7-8	9 - 10 - 11 - 12 - 13 - 14   15	- 16 17 - 18 19 - 20	21 - 22: 23 - 24: 25 - 26:	27 - 28 29 - 30   + 31	D.B. W.B. Dr,	Bulb Wet Bulb Dew P
74/ 74	1	•0		<del></del>	· · · · · · · · · · · · · · · · · · ·	1	ī
72/ 71	.1	•0	•0		•	4	4
79/ 64	1	.1 .1 .1				1^	lú
08/ 07	.l, .c	1. 5. 1.	• 1			15	15
06/ 65	.1 .0 .2	.4 .2	.0			28	? 6
64/ 63	.3 .5 .7	.7 .2 .1				74	74
62/ 61	.1 .3 .9 1.0	•5 •1' •0				3h	90 7
60/ 59	.6 1.7, 2.6 1.3	.4 .2	<u>.</u>			137	192 25
58/ 57	1.3 3.2 2.3 1.3	.2 .01				247	247 64 2
56/ 55	.2: 4.0: 6.0 3.69	· L. · 1 · · 9				449	449, 207, 4
54/ 53	.1 5.7 7.4 3.1 .5	•11 •3				5:)7	208 363 LS
52/ 51	.3: 7.1: 9.0: 2.5 .4.	٠3' ، ٥١		1	· ,	57?	579 511, 29
50/ 49	.5 5.0 5.5 .9 .3			1	,	361	362 633, 44
48/ 47	.2. 2.8 3.0, .4 .2			<u> </u>		194	194 512 51
46/ 45	.0 2.2 1.3 .3		i i	1	ī .	$\Gamma \Gamma \Gamma$	111 303 51
44/ 43						52	62: 172- 39
42/ 41			1			32	32 83 25
40/ 39	.3 .1 .1					12	12, 45, 13
38/ 37	.0					1:	1, 17, 7
36/ 35				<u> </u>			1 8 5
34/ 33							1 2
32/ 31				<del>    </del>			
30/ 29		a a		1 1 1			
28/ 27			<del></del>	<del> </del>	<del></del>	<del>-  -</del>	
26/ 25			1 1				
<u>Z4/ 23</u> 18/ 17	<del></del>		<del></del>	╂╼╼╂╼╼┼	<del> </del>	· <del> </del>	<del></del>
TOTAL	1.430.639.017.3 6.9	3.0 1.3 .4	.1 .0	1 1 1 1		1 ,	958 295
TOTAL.	150.057.017.53 0.7	3.0 1.3 44	-1 -0	<del>! -                                   </del>		2955	2955
1		1 1 1	1 1			12,00	16777
.	<del> </del>	<del></del>	<del>~-  </del>	<del>┠╼╌╁╸╌</del> ┼	<del></del>	+	<del></del>
1			1				
57%			<del></del>	<del>    </del>	- + - +	<del>  -</del>	<del></del>
1321人	35		1				
Element (x)	2X' 2X	X	No. Obs.	<del> </del>	Mean No. of Hours w	th Temperature	<del></del>
Rel. Hum.	18002937 2279			30F   132F	≥ 67 F = 73 F	≥ 80 F	≥ 93 F J Jotol
Dry Bulb	8470432 15762			A	2.9 <b>选</b> •(		<b>李</b>
4							

DATA PPUCESSING BRANCH USAF ETAC AIR MEATHER SERVICT/ MC

# **PSYCHROMETRIC SUMMARY**

23208 MCCLELLA : AFE CALIF/SACRAMENTU 40-72

STATION STATION HAME

PAGE 1 J600-2000
HOURS (L. S. T.)

Temp						JRE DEPRES						TOTAL		TOTAL	
(F)	0 1-2	3-4 5-6	7 - 8 9	- 10 11 - 12	13 - 14 ,15 -		9 - 20 2	1 - 27 23	- 24 25 - 26	27 - 28 29 -	30: > 31	D.B. W.B. C	try Bulb W	let Bulb D	ew Point
86/ 62				•		• 0:	,	Ţ		•		1	l		
34/ 83									<u>· (,</u>	<del>.</del> -		<u> </u>	1		
82/81						• 0	•0					3	3		
80/ 79						•0. •2, •1 •2		<del></del> -				<u>.                                    </u>	o		
78/ 77				• 0			٠Ŭ	•0				14	14		
76/ 75				<u>.0 .1</u>		.1 .3	<u>• †</u> .					21.	51		
74/ 73				•1; •i	• 1	-4 -1	٠i					32	32		
72/ 71				.3, .4		.3 .1				·		<u> 51</u>	51 43		
68/ 67			• £									03	112	L T	
66/ 65			3 . b.			·2 · 0 · 2 · 2 ·				<del></del>		112	134	- 6	
64/ 63	. 11		5 2.6		-			1				202	505	14	,
62/ 61	•0		2.7			<u>• 1                                   </u>						230	239	37	1
60/ 59	2	2.3 5.		1.0' .3		• 0			,	' i	,	378	378	146	11
58/ 57		4.4 6.		.4: .1		<del></del>						417	419	230	21
56/ 55		6.014.		.5! .2						i		403	463	431	87
54/ 53		6.3.3.		.3 .0	1	<del>-  -  -</del>						375	375	533	200
52/ 51		4.2:1.		.1	i		;		Į.		•	253	253	604	370
50/ 49		2.7	<del></del>	.01	<u>-</u>	1				1		149	149	457.	511
48/ 47		1.1			i	- I i	;	İ		!	į	55	55	290	541
46/ 45	.5	•4 •			i							31	31	171	451
44/ 43	. 2	.2 .	1	1	i		1	ļ	;		į	131	13	84	313
42/ 41	• 1	• 0,	1									7	7	21	220
40/ 39		• 0;	<u> </u>		1	_ ! _ !				<u> </u>	l	1	11	13	116
39/ 37	1						i							1:	74
36/ 35	<u> </u>		1 !						l	1		<u>                                     </u>		3:	43
34/ 33											1				24
32/ 31		i									1			:	20
30/ 29	.	Ì			I		İ	1						1	16
28/ 27									1		_!	1			
26/ 25					1	1 1	l	j			l	1 1	l		1
TOTAL	-4 8-52	9.227.	415.8	9.1 3.8	2.9 1	.5 1.0	-2	•0	•0			<del>,                                     </del>	3023		3023
		l						- 1				3023	1.	3023	
61	žx'		<del>                                     </del>	T		No. Obs.	<del></del>	خليت		Walle Ma		1			
Element (X)	14484	300	20516		13.617			±0F	± 32 F	Mean No. o	Hours wit	h Temperatu > 80 F	+ 93 F	<del>     </del>	otal
Dry Bulb	10306		17550		6.228			<u> </u>	332 "	9:4	2.4	1	<del></del>	<del></del>	93
Wet Bulb	8249		15739		4.239			4 -1-		.1	. <u>204</u>	<del>  -•≤</del>	1		93
Dew Point	6720			4 46.9					1.2	- 4	···				
		<u>, v 701</u>	47117	41- 4003	40 194	302	شلتني	- 2 PRC - 5-4	1 106	<u> </u>		** -4- ~ ? *	<u>; -2^</u>	, 6,-3	2 7J

OATA PROCESSING BREACH
USAF ETAC
AIR MEATUER SERVIC. MAC

23202 "CCLILLA" AFT CALIF/SACRAPENTO
STATION STATION NAME

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0.26.5

Wet Bulb. Dew Point

6

### **PSYCHROMETRIC SUMMARY**

\* \Y

MONTH J900-1100 HOURS (L. 5. T. WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wer Bulb Dew Poir 96/ 93 \$41 93 92/ 91 • 0 . 1 95/ 89 18 23 88/ 87 . 0 • Ī 20 . l • 2 85/ 85 50 84/ 83 56 82/ 61 80/ 79 96 .5 1.0 1.2 .6 • 1 110 113 • U 78/ 77 137 .2 1.0 1.2 132 76/ 75 170 .7 2.0 1.3 170 .4 .3: 1.7 2.1 1.0 74/ 73 194 194 72/ 71 .1: 1.2: 2.7 2.1 237 237 • 0 70/ 49 .3. 2.0. 3.1 284 254 10 . 3 299 68/ 67 .1 1.1 3.7 3.0 299 33 1 .1 .3 2.5 4.3 2.2 .1 1.3 2.9 4.0 1.5 .2 1.2 3.4 1.9 .9 66/ 65 .7 .5 . 3 332 332 78 64/ 63 329 329 62/ 61 251 251 •Ù **533** 60/ 59 414 .6 1.6 2.3 1.5 •1 214 214 30 • 5 . 1 58/ 57 • 3 132 132 516 54 .7 55/ 55 . 5! . 3 . 1 711 71 531 194 54/ 53 <u>.</u> 3 .41 .0 294 37 37 420 • 3 .1 • 1 52/ 51 ·II 15 12 208 393 50/ 49 168 475 49/ 47 70 458 46/ 45 28 335 44/ 43 244 42/ 41 130 40/ 39 124 38/ 37 84 36/ 35 62 34/ 33 40 32/ 31 35 30/ 29 23 Zx. Zx Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 1 32 F ≥73 F | ≥80 F | ≥93 F Total Dry Bulb

DATA PRUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR BEATHER SERVICE /MAC MCCLELLA SE' CALIF/SACRAMENTO - <u>22414-</u>-)90G-1100 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 - 17 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 - 23 - 24 - 25 - 26 27 - 28 - 29 - 30 - 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poir (F) 23/ 27 26/ 25 24/ 23 TUTAL No. Obs. Element (X) 3051 267 F 273 F 280 F 293 F 150271 49.314.071 8005191 ±0 F 208546 68.4 7.754 173014 56.7 4.507 3051 93 14438176 8.9 Dry Bulb 50.8 25.8 9873104 3051 93 1.4 Wet Buth Dew Point 93 6969378 144654 47.4 6.034 3051 .0

**(**}

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

Dew Paint

# **PSYCHROMETRIC SUMMARY**

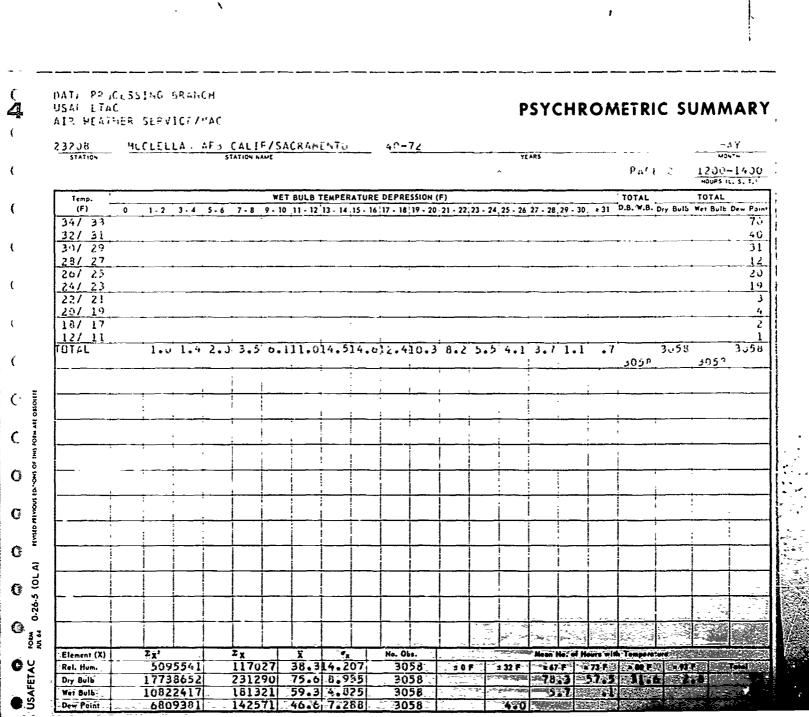
7326E MCCLELLA AFE CALIF/SACRAMENTA 40-72

STATION STATION NAME

PAGE 1 1200-1400

HOURS IN S.T.

Temp.			WET BULB TEM	PERATURE I	DEPRESSION (I	F)				TOTAL	•	TOTAL	
(F)	0 1-2 3-4	5-6 7-8	9 - 10 11 - 12 13 -	14 .15 - 16 .1	17 - 18 19 - 20.	21 - 22 23 - 2	4-25 - 26	27 - 28 29	30 + 31	D.B. W.B.	Dry Bulb W	let Bult C	Dew Po
02/101									• i	•	5	<b>•</b>	
00/ 99									.11				
98/ 97							· C	• i	.1 .2	12	12		
96/ 95						<u>. J</u>	. 2	. 4	.7 .6	31	31		
94/ 93					. 1	•1 •	1 .2	• 5	.3 .1	4.3	43		
92/ 91					<u> 1</u>	• 6 •			- 7	57	- 67		
997 89					.0 .4	.7 .	7.6	• 3	.U .J	100	194		
88/ 87					.1: .0		9 1.1	• 4	. 1	127	122		
86/ 85				,	.7: 1.5	1.4 1.			• 0	151	151		
84/ 23				.u .3:	1.3 1.5		/ .5 7 .3			170	170		
82/ 81				•1' 1 • I'	1.4 1.4			• 1		201	501		
<u>367 79 .</u>	<del></del>	<del></del>			2.2 1.6			•1.		249	249		
78/ 77		•0;		.1 2.2						197	197		
76/ 75					1.7.1.3					274	270		
74/ 73			.2] 1.0, 2				ָרָי (C			262	252	3	
72/ 71			.6: 2.2: 2	-2  1.5	<u>•7: • 5</u>	• 2:	<del></del> -	· <del></del>		247	247	12.	
70/ 69	i e	اءُ ا٥٠	.9 2.1 1		.ñ .2		:			225	22.0	45	
08/ 67	<del>- + ;</del>			·7 1·0!	.4 .1:		<del></del>		<u>i</u>	205	208	126	
66/ 65	, <b>,</b> 5		1.1 1.5 1		·2 ·0			,	!	162	162	246	
64/ 63 62/ 61	.0			.5 .1	-1		-		<del></del>	109	109	404	
69/ 59	' .	1 1		-1 -2		¥ }	;		i	: '	51·	430	1
58/ 57		3 4 5		0. 1.	<del>-                                     </del>	<del>i</del>	<del>;</del> :	<del></del>	<del></del>	61:	31	488	- 11
56/ 55	.31		**  **	• 4	1			,		15	15	350	20
54/ 53		Ž: •0 •1		<del>-    </del>	<del></del>		<del></del> -		<del>- i</del>	10	19:	264	27
52/ 51	.1	2.0	: !		100		1			4-	4.	lol	36
50/ 49				<del>-   -                                 </del>		<del></del>	;			<del></del>	<del></del>	70.	56
48/ 47	•0			1 1	1 1			i	i	l 1.	i :	20	33
45/ 43			<del></del>	_	-	<del>- i-</del>				<del></del>	<del></del>	13:	30
44/ 43							•		- 1	:	<u> </u>		23
42/ 41	<del></del>	<del>1</del>	<del></del>		<del>- i i</del>		1		<del></del>	<del> </del>			<u>Z2</u>
40/ 39	111111111111111111111111111111111111111		1					İ	1		į	1	15
38/ 37		1-1-1					T		_	<del>                                     </del>	— <u>†</u>		11
36/ 35	_   _		1 _ 1			1	•		- 1	! !	•	į	- 9
lement (X)	Σχ²	Σχ	X	1/2	No. Obs.		· · ·	*Mean No.	f Hours wit	h Temperatu	70	<del></del>	
Rel. Hun.	<del> · · · · · · · · · · · · · · · · ·</del>	<del>                                     </del>	<del>                                     </del>	<del></del>		≤ 0 F	₃ 32 F	≥ 67 F		> \$0 F	. ≥ 93 F	T.	ota!
Dry Bu b		<del> </del>						-	17.72	1	1	-1	
Wet Bilb		<del>                                     </del>				<del></del>				** *	1	<del>-  </del>	
NEW DESCRIPTION	<del>-, </del>	<del>.  </del>	- 4		· - · · · · · ·			<del></del>		L-2	<u> </u>	<del></del>	



ALP WLATHER SERVICE/MAC MCCLELLA. /Fe CALIF/SACRAMENTO 2**3**2¢8 MONTH STATION 1500-1700 H0UPS :.. S. ₹. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 D.B. W.B. Dry Builb Wer Builb Dew Poin 104/103 . 1 102/101 100/ 99 13 . 1 . 2 + 6 98/ 97 27 90/ 95 55 . 6 . 5 . .1 • i 94/ 93 92/ 91 179 100 91/ 89 130 83/ 87 1.9 1.6 139 139 . 8 35/ 85 154 154 1.0 84/ 83 .1 1.2 1.8 1.1 1.5 •9 212 212 82/ 81 272 .7 1.5: 1.6 222 30/ 79 .5 1.4 1.6 1.3 1.1 211 211 • 7 • 2 73/ 77 .7: 1.7: 1.5: 1.3: 1.1 219 219 . 0 76/ 75 .4: 1.5: 1.7: 1.8: 1.4 +11 234  $\frac{74/}{72/} \frac{73}{71}$ .7 1.0 1.8 1.1 130 159 . 9: ·5 1.5 1.7 1.2 197 197 25 . 5 70/ 69 1.2' 2.6 1.7 1.4 . 8: 229 229 64 .91 08/ 67 .5' 1.0 1.4 1.5 121 - 5 181 149 66/ 65 .0 1.1-1.0 126 126 237 • 6 .71 .9; 64/ 63 . 3 94 .51 - 2 74 386 . 4 • 1 62/ 61 406 60/ 59 .2 . 3 . 2; . 31 • 0! 43 43 463 <u>.</u> 3i •01 58/ 57 91 . 4 453 • 3 36 301 56/ 55 54/ 53 .1 . 5! . li •0 21 21 345 195 234. 273 12 12 52/ 51 1i . 1 • 0 \$ 2 146 304 50/ 49 73 298 21; 48/ 47 306 46/ 45 11 275 44/ 43 246 42/ 41 216 40/ 39 202 38/\_37 Z<sub>X</sub>! Mean No. of Hours with Temperature Rel. Humi 建新存在 ≥ 67 F = 3 73 F = 80 F | +93 F

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李玉琳 劃

DATA PROCESSING BROKEN USAF ETAC

#### **PSYCHROMETRIC SUMMARY**

بيرنور

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Dry Bulb

et Bulb?

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CATA PELCESSING BRAICE USAF ETAC 4 AIR MESTHER SERVICE/ IAC

MICCIFILA - AFR CALIF/SACRANFISTE

# **PSYCHROMETRIC SUMMARY**

PAGE

1500-1700 HOUPS -.. 5. T.

93

93

TOTAL

WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14.15.16.17.18:19.20 21.22:23.24.25.26:27.28:29.30 .31 D.B./M.B. Dry Bulb Wet Bulb De- Point (F) 35/ 35 111 34/ 33 35 32/ 31 69 307 29 ن 4 36 23/ 27 26/ 25 24/ 43 14 56/ 13 13/ 17 16/ 15 14/ 13 12/ 11 TOTAL 3024 3024 No. Obs. Element (X) Mean No. of Hours with Temperature 107638 35.615.579 3024 Rel. Hum. 4565054 10F | 132F 267 F | 273 F | 280 F | 293 F | Dry Bulb 18304604 233436 77.2 9.704 3024 80.3 61.6 39.1 5.5 93

3024

3024

6.6

179804 59.5 4.934

137478 45,5 7,999

- 7-j

-Wet Bulb

Dew Point

10764570

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SEPVICT/MAC

# PSYCHROMETRIC SUMMARY.

23736 MCCLELLA AFR CALIF/SACRAMENTU 41-72

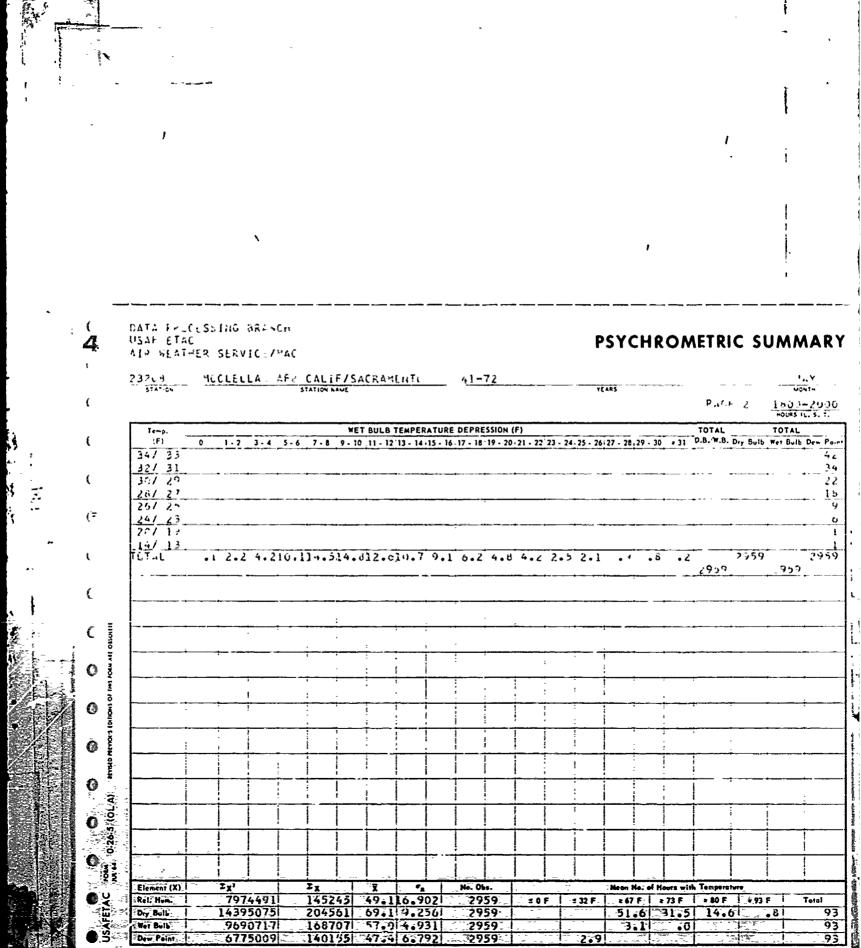
STATION STATION NAME

P.1. 1 1830-2000

MORTH

P.2. 1 1830-2000

Temp.				WET BULB T									TOTAL	. 10	TOTAL	
(F)	0 1-2	3 - 4 5	-6 7-8 9	- 10 11 - 12 1	3 - 14 - 15 -	16 . 17 - 18	9 - 20	21 - 22 2	3 - 24,25 -	26,27 - 21	- 29 - 30	× 31	D.B. W.B.	ry Bulb	Wer Buib (	em Point
102/101												412	1	1		
100/ 99					·						, ,		_ 1	<u>l</u>		
93/ 97													I	1		
96/ 95										• •				4		
94/ 93			-						.1 .	· 1 • 1		- 1	12	12		
92/ 91						. ()		• U	• 6	1 .1		• £	24	24		
90/ 89						. 3	. 1	• 4	•1		٥.	•4	33	33		
88/ 57						1 .1	ۇ ،	• 2		5 . 3	i		24	54		
867 85					.1 .	.1 .3	.4	• 4	• 2	,4			28	50		
84/ 53						.2 .3	•6.			ا، ف			37	_ a 2		
82/ 81				• i		5 .8	. 0	. 7		2			110	118		
80/ 79				.1 .1.	.21.		.9	-5	•2				110	115		
78/ 77			•0.	•5		5. 6	• 5	• 5	.2 .	. 1			150	150		
76/ 75			<u>.00:</u>			Ç: a	: 5	-4	+2				155	155		
74/ 73			.0 .1	•4' 1 • 1!			, 3	• 2	• 0	•			135	135	1	
72/ 71			.J .i	.9.1.5			•2	• U.		1	-		1/1	171	7	
70/ 69	- ,	•0		2.0 2.0		0! .5	• 1	'	•	•			237	237	25	
63/ 67	· - · - · · · · · · · · · · · · · · · ·		.4 1.1			5 .2	•0			i			232	232	- 66	
66/ 65		• U	.6 Z.O	2.5 1.9	.91	.6 .0	i			Ī	=		252	252	119	δ
64/ 63			.1: 2.8	2.4 1.4		.1: .0:		f		<u>.</u>			259	269	195	13
62/ 61	• 1	.6: 2	1.1 3.2	1.5 .7	.2	$1_{i}$		į			-		250	250	599.	14
60/ 59	. 21		4 2.5	.9 .5	.1	<u>   •0</u>		ŧ		!			217	217	387	45
58/ 57	• U • 4		.7 1.3	.0 .1	.0	1	I			Ì	-		153	153		104
56/ 55		.71	.9 .7	.3 .0				,	<u> </u>	<u> </u>			97	97	505	195
54/ 53	•0 •b	. 4	.3 .1	.1: .0	1				į	1			46	46		281
52/ 51	2	. 21	.1 .0	.1 .0	1					<u>.</u>			20	20		385
50/ 49	. 2	. 1	.1		1		i		:	ļ			164	16	165	393
48/ 47		.1	.0 .0						1		:	·	4	4		350
46/ 45										1	1				22	
44/ 43			i					- 1		L	Ī	<u> </u>	l		7	262
42/ 41	i		- thick												4!	201
40/ 39	<u> </u>	İ	The state of the s				[		- 1	!			l .		1,	137
38/ 37		T	1 1		<del>`                                    </del>					1	1				!	85
367_35		ļ		1 1	- 1	.			į.	.						76
Element (X)	Z <sub>X</sub> 2		EX	T 7.	•,	No. Obs		<del></del>		Mean	No. of H	ours with	Temperore	re	<del></del>	
Rel. Hom	<del></del>			1	<del>  </del>			±0 F	= 32		7 E =		3 €3 €	- 93 I	FIT	otal
Dry Bulb						<del></del>			1		4 E 4 E		T	1	T.	
Wer Bulb	-			2 2 22		- 1			1	<del></del>		<del></del>	<u> </u>	1		
			· - · ÷ ;	e elen -		- , , 70, 1402 424	cost of		<del>-  </del>	<del></del>		<del></del>				



DATA PRICESSING BRANCH USAF ETAC AIR MESTHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

Pare 1

TOTAL

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. 100-2310 #Ö∪\*\$ ... 5. T

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:61

+67 F | +73 F | +80 F | +93 F |

Mean No. of Hours with Temperature

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.51

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MCCLELLA AFR CALIFISACRAMENTA 232,00 STAT ON

.3 6.921.626.618.610.9 7.6 4.4 2.0

193007

65.213.836

178039 60.1 6.489

158050 53.4 4.435

141412 47:0 5:277

13155559

10833351

8500168

6840518

WET BULB TEMPERATURE DEPRESSION (F)

(F) D.B. W.B. Dry Bulb Wet Bult De- Port 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 - 13 - 14 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 + 31 89/ 87 25/ 35 94/ 83 •4 82/ 81 . Ü 39/ 79 .0 • 1 14 . 0 . 1 15 78/ 77 76, 75 74, 73 72, 71 . 3 . 2 **+1** 41 . 0 1.1 .3 οZ 23 70/ 59 175 . 6 68/ 67 .3 1.0 1.1 1.6 145 • (2 . I 145 Ιï 1.1.1.0 209 66/ 65 203 64/ 63 .5 1.6 3.1 1.7 .2 239 239 62/ 61 .9 3.0 3.0 273 27u 59 60/ 59 .7 2.6 5.0 3.2 1.2 • 5 397 397 195 25 58/ 57 1.1, 4.7 4.8. 2.7 <u>3</u>U5 422 59 56/ 55 .1 1.5 5.1 5,1 1.8 415 415 402 130 54/ 53 1.3 4.2 3.3 237 .87 527 256 52/ 51 .1 1.3 2.0 1.4 514 • l 149 149 377 50/ 49 4. P. 45 470 424 48/ 47 • 2 . 2 .5 23 28 227 470 45/ 45 93 420 16 44/ 43 .0 25 301 42/ 41 191 40/ 39 87 38/ 37 36/ 35 27 .34/ 33 32/ 31 11 30/ 29 28/ 27 26/ 25 TOTAL

No. Obs.

2959

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10F

± 32 F

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

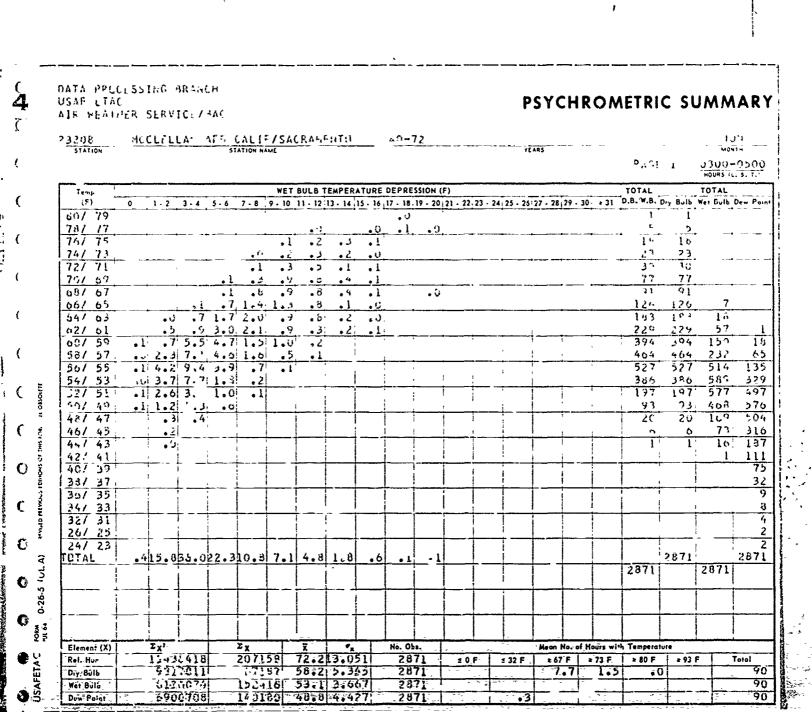
Dew Point

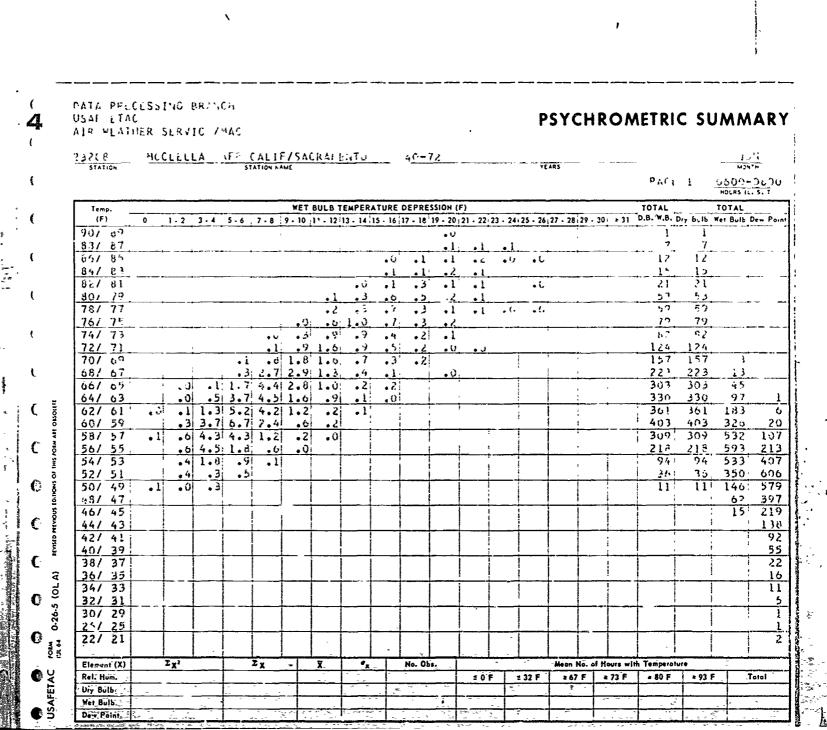
DATE PROCESSING PROMET
USAF ETEC
AIR MEATHER SERVICE/PAC

23235 MCCLELLA AFR CALIF/SACRAMPROTE
STATION STATION AND

# PSYCHROMETRIC SUMMARY.

												ס", נ	:	-(` ل( <u>(                                 </u>	
Temp.						DEPRESSIO						TOTAL		TOTAL	
(F)	0 1-2 3-4	5-6 7-8	9 - 10 11 -	12 13 - 14	15 - 16	17 - 18 19 -	20:21	- 22123 -	24 25 - 26	27 - 28 - 29 -	30 + 31	D.S. ¥.S. D	y Bulb	wer Beit	De- P
32/ 61				• -	-		• C	•41				4	4		
80/ 77_				<u> </u>	. 4		. 0_					2	> _		
72/ 7:		_	٠	1 .3	.5	· i	. 1					3	3.)	-	
76/ 72			-1.	<u>s</u> .5	5	5_						ر د چه	45		
74/ 73			. 3 1.	0 .7	-1	• l						Ų5	55		
72/ 71		.1	.9 1.	65	. 2	, ú .	.0_		_			5	ر ۽	_	
70/ 67		.5	1.4 1.	5 .5	. 2		.1					115	116		
53/ 67		.1 1.5	1.7 1.	25	• 4	• • •	.0.					140	144		
5/ 65	• "ŧ	.6 2.2	1.7 1.	1 .4	•1	. J	-					137	[97	•	
14/ 62	4	2.2.2.9	1.5	4 .1	•1							214	214	3 د	
13/61	.4 2.3	4.0 3.3	1.i .	3								3:5	×15	135	
57/ 59	.7 5.3	6.5 2.9	1.1.	_ ڈ								465	445	212	2
53/ 57	1.5 5.5	4.6 1.3	•5									385	ر ۹ ر	371	5
5/ 55	1.9.7.9	2.7 .5:	.0									37	370	530	20
54/ 53	. 1.0 4.4	1.4 .1	•							,		213	ذ ا ء	570	34
52/ 51	.9. 2. 3											115	115	514	49
59/ 49	.2' .5	-i		•								۷7	22	259	58
49/ 47	.01.					:						3	3	112	÷5
46/ 45	.0:		•				-					1	1	31	29
44/ 43					i									3	15
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24/ 23		100		- Installe	Hilliam		- <u>-</u>			,		!			
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	27 - 1800 Hall	Hitter and the second	1		THE STATE OF THE S		4	1				2813.		2813	
		Note that the same of the same					and the second	- !			1	Ball a			
1.5.5.793	-	Z <sub>X</sub>	1 1			No. Obs.				<u> </u>	, , , , , , , , , , , , , , , , , , , ,	h Tempiratu	:		
lebent (X)	13213823			213.6		2813		= 0 F	132 F		2 73 F		• 93 5		lets1
by Belb	1054825			9 6.2		2813		- V F.	334	10.4	5.4				9
Fet Bulb	8386317	1532		3 3.8		2813				.2	7.7	<del>!</del>	<del>;          </del>	<u> </u>	- 9
Pales	6200317		7 40			7813			3			<u> </u>	<del>!</del>	-3-	





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Paint

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							,, <u></u>	Mir-y Stanova yan						- <del></del>					;; } 
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Temp (F)	0 1-	2 3 - 4 !	5 - 6 7 -	8 9-1	0 11 - 12	13 - 14	15 - 1	6 17 - 18	19 - 20	, 21 - 22:	23 - 24-	25 - 26	27 - 28 2	9 - 30	× 31	TOTAL D.B. W.B.	Dry Bulb	TOTAL	
TOTAL	. 2.	616.62	5.121.	112,	4 8.4	5.2	<b>3.</b>	7, 2.2	1.2		- 1	•1		· · · · · · · · · · · · · · · · · · ·		<u>. 848</u>	2394	89	- 20
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Rel dum.		73753	180	201	62.2	14.0	10	89	>6~	± 0 F		32 F	≥ 67 F			Tempero ≥ 80 F	= 93	F	Total
(D.y 5. 16	118	99274	184	634	., 63.7	16.8	54	289	78				25.	1.10	1.2				
and Bulb	90	75274	161	7.76	55.8	3.9	1.5	289	8									-	
Dew Paint	72	23662	144	1084	49.7	4.5	Zi.	289	78: .l	`	I	3	L	1 .	- 1			-	

DATA PRICESSING ERANCH MSAF, ETAC AIR MEATILR SERVICE/MAC

MUCLEULA SF. CALIF/SACRAMENTI; 40-72

# **PSYCHROMETRIC SUMMARY**

														b"( f	i	<b>リククラー</b> HOURS こ	
Temp.				WET	BULB .	TEMPERA	TURE DEPR	ESSION	(F)					TOTAL		TOTAL	
(F)	0 1-2	3 - 4	5 - 6 7 - 5	9 - 10	11 - 12	13 - 14 - 15	16:17 - 1	8 19 - 20	21 - 22	23 - 24.	25 - 26	27 - 28,2		31 D.B. W.B.	Dry Bulb	Wet Bulb !	Dew Po
195/161												• •		• C 3	ر		
100/ 99				<u> </u>	•									<u>·1.                                     </u>	<u>≥</u> .		_
95/ 97										• છે	• ì	• l		• 11			
95/ 95										• 1	<u>. د .</u>	. 3	. 1	<u>. 1 - 41 - </u>	27.		
94/ 93										ۇ .	. 4	• 6	• l	3/	30		
92/ 91					•					<u>. 5</u>		• 6	.1_	<u> </u>	53		*4 -
90/ 89								• #	• 5	• )	4 D	• 1	. 1	71	71		
88/ 67					•				12.	_ A M			<u>.l.</u>	1.	100		
85 / 85						ت .		2 1.4		• 6	• 1	• i		31	71		
84/ 63		<del>.</del>				1		2 1-2		<u> </u>	٠٤	• • •		143	143		
82/ 81							1.4 2.1			• 2	. 2			162	168		
80/ 79			1				2.0 1.5		. 3	• 2	.1			130	193		
78/ 77			,	.∪		2.0			2	•0]				1.41	131		
76/ 75	§ .		· ·		2.0	3.5	6:1.			<u>. )</u>				283	295		
74/ 73	'		,	1.1		3.4		· •1						203	263	4	
72/ 71.						2.3		2 .0			:			290	290	17	
70/ 69:		0	.0 1.				.5	l'		,				290	290	υ5	
68/ 67		:	1; 1.				.2! .	<u> </u>						251	251	142	
66/ 65	ં • ગ		.3 1.		1.2	. 3	• 4 !	•		,	į	•		176	175	273	
64/ 63			.4 1.			• 1		<u>.</u>	: :	,	!			120	120	411	
62/ 61	. 1	• 1	.4, 1.4	) .o		-1			:	1	Ī			68	68	508:	
60/ 59	<u>•1</u>	<del></del>	.4: .4		.0	!		1	<u>:</u>					32	32	559	_
<b>\$8/ 57</b>	i	. 1	.1, .0	<b>)</b>	ŧ	. !	Ì	į		;	i			7,	7	424	16
56/ 55		. 2:		!			!		1 1					12	12	2891	34
34/ 53	1	.1	•0	1	Į								,	; 6	6	129	4
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507 49	i	, ,	Ť	1				Ţ	1 1							17:	44
48/ 47		;		1				ļ	<u> </u>					!	,	2	25
46/ 45				1													21
44/-43		<u> </u>		1					<u> </u>		1	_					13
12/241				1				1		1				1			
40/-39				<u>1</u>				1	<u>!</u> !			ļ	ļ	i i	i		4
38/-37	ž.	7			i			1	1	Ī				1			
38/ 37 36/ 35	ē	<u> </u>		i				1		i			1			ļ	2
Element (X)	£ 2 x2		Σχ		X	<b>7</b> 2	Ho. C	bs.				Mean No.	. of Hours	with Temperat	ure		
Rel. Hain	75	1							± 0 F		32 F	2 57 F	<b>≥ 73</b>	F 280 F	≥ 93 F	i T	otal
Dry Bills		i					1	<del></del>		$\neg$					1		
41270						<del>                                     </del>	1						<del></del> -	<del></del>	-	<del></del>	

DATA PHICESSING SPANCH USAR ETAC **PSYCHROMETRIC SUMMARY** ATT WENTIER SERVICE /FAC MUCLELLA AF. CALIF/SACHAMENTS 23205 STAT ON MONTH Park 1 200-11ng WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 34/ 33 1-2 3-4 5-6 7-8 9-10-11-12-13-14-15-16 17-18-19 20-21-22 23-24-25-26-27-28-29-30 -31 3 B-M.B. Dry Bulb Wet Bulb Dew Point 32/ 31 28/ 27 26/ 25 TOTAL 2x 128020 Element (X) No. Obs. Meen No. of Hours with Temperature 6132460 44.212.834 2898 \*67 F. \*73 F \*80 F \*93 F 76 • 9 51 • 1 25 • 3 2 • 4 Rel. Hum. 40 F ≤ 32 F Dry Bulb 16476921 217131 74.9 8.330 2898 10682151 175531 60.6 4.166 7.3 Wet Bull 2898

2898

90

145998 50,4 5,359

Dew Point

ATE MEATHER SERVIC. /MAC MCCLELLA . AFR CALIF/SACRAMENTO ، از ق MONTH 1200-1400 P401 1 HOURS IL. S. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 :11 - 12 13 - 14 - 15 - 16 - 17 - 18 : 19 - 20 : 21 - 22 : 23 - 24 - 25 - 26 : 27 - 28 : 29 - 30 - 21 D B. W.B. Dry Bulb 4 108/107 1. 14. 29 14 106/105 20 104/193 02/101 42. 100/ 99 •0 54 93/ 97 104 98/ 95 112 112 94/ 93 144 144 92/ 91 145 146 184 99/ 63 180 210 83/ 87 210 .4 1.5 1.9 1.0 274 86/ 85 لمعائد لمعد 224 84/ 83 .6 1.6 2.3 1.1 207 207 <u>25₽</u> <u> 258</u> 82/ 61 .1: 1.0 2.4 2.6 2.1 271 271 80/ 79 78/ 77 31 1 . 3 2 . 5 2 . 1 230 230 75/ .8 2.4 1.9 1.6 214 214 74/ 73 1 1.0 1.8 1.4 147 147 72/ 71 .2 1.3 1.0 101 101 .3 . 2 • 0 90 .4 94 70/ 69 34 235 .0 • 1 . 3 .5 68/ 67 •0 41 41: 323 •0 66/ 65 331 444 .0 64/ 63 . 2 21 21 524 12 . 1 · O .0 54 62/ 61 .1 • O 450 390 60/ 59 .0 . 2 104 .0 58/ 57 .0 211 56/ 55 .0 . 2 .0 106 269 54/ 53 49 366 17 52/ 51 410 ē 50/ 49 344 287 48/ 47 46/ 45 242 44/ 43 195 137 No. Obs. Element (X) Meen No. of Hours with Temperature

± 32 F

TATA PROCESSING RRANCH USAF ETAC

### **PSYCHROMETRIC SUMMARY**

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AFETAC FOLM

Rel. Hum.

Dry Bolb Wet Bulb Dew Point DATA PR CESSING BRANCH USAF FTAC **PSYCHROMETRIC SUMMARY** 415 WEATHER SEP/10 / 460 MUCLILLA ALS CALIFISACKAMENTU 40-72 2325h Pick \_ 1200-1470 ห์องคีร เ. ร. รั WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 - 15 - 10 17 - 18 19 - 20 - 21 - 22 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 + 31 D B - W.B. Dry Buit Wet Buit Dew Poin 41/ 37 7., 38/ 37 56 35/ 35 • 5 34/ 33 32/ 31 16 30/ 23/ 27 ŋ 26/ 25 24/ 23 2.0 5.3 9.111.013.613.610.4 8.4 7.9 6.1 4.9 4.7 TOTAL Elemen. (X) No. Obs. Meen No. of Hours with Temperature 2702 1 Car Rel. Hum. 3568666 95912 33.11.724 267.F: 32 73 F 280 F 29.F 3 F Total Dry Bu'l 241935 2902 20406989 83.4 9.044 87.5 李50.5 58.6 15.6 震 90 21.7 - 1.3 <del>+0</del> 11702614 183842 63.4 4.402 2902 143948 49.6 6.508 Dew Point 7283198 2702 140 酸 ¥ 40

HATA PAUCESSING BRANCH USAF ETAC ATP WEATHER SERVICE/PAC

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Element (X) Rel. Hum.

Dry Bulb .-Wet Bulb Dew Point • I

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MCCLELLA NE CALIFYSACRAPHILL

# PSYCHROMETRIC SUMMARY:

PALL 1

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<u> 200</u> 237

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Mean No. of Hours with Temperature

± 32 F

1507-1700 | WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1.2 3.4 5.6 7.8 9.10 11.12.13.14 15 16 17.18 19.20 21.22.23.24.25.26.27.28 29.30 -31 D.B. W.B. Dry Bulb Wet Bulb Dew Po 117/109 \*\* 108/107 35 35 06/105 .1 1.1 104/103 49 102/161 .5 2.1 30 00/ 99 110 99/ 57 119 90/ 95 14/ 94/ 93 .4 1.1 1.4 1.0 137 13) 92/ 91 192 . 5 1 . 4 613 513 90/ 89 .5 1.2 1.4 1.9 1.4 88/ 87 201 85/ 85 .6 2.0 1.5 1.3 1.0 231 185 .4: 1.5 2.1 242 84/ 83 242 . 2 219 .0 2.2 1.9 1.4 210 82/ 81 .7' i.8. Z.1' 1.8 1.0 80/ 79 224 225 78/ 77 .9 1.9 1.4: 1.0 • 2 185 180 127 127 76/ 75 <u>.</u> В 74/ 73 114 114 . 5 .4 . 1 • i. 72/ 71 104 5] .7 70/ 69 51 230 45 43 34% 68/ 67 • C .31 • 1 • 0! 21 20 434 2 .0 66/ 65

No. Obs.

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DATA PRICESSING SEINCH USAF (TAC **PSYCHROMETRIC SUMMARY** ATP WEATTER SERVIC / MAS 23203 MUCLELLA AF, CALIFYSACRAFFITH 150 )-1700 HOURS ILL S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16:17 - 18 19 - 20:21 - 22:23 - 24:25 - 26:27 - 28:29 - 30 - 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 42/ 41 i 0 3 38/ 37 121 74 35/ 35 34/ 33 74 32/ 31 30/ 29 ن: 23/ 27 25/ 25 12 14 24/ 23 22/ 21 20/ 19 18/ 17 TOTAL .8 1.0 3.2 7.4 6.2 9.811.4 9.9 9.8 9.3 8. 7.512.0 2907 ð 0.26.5 (OL Element (X) No. Obs. Mesn' No. of Hours with Temperature 2949801 85645 29.512.116 2907 Rel. Hum. Total ±67 F = 273 F = 80 F = 93 F 21567934 242824 85.6 9.637 2907 Dry Bulb 88.4 82.1 66.0 21.8 90 63.5 4.475 47.9 7.375 Wet Bulb 11775691 184561 2907 90 23.1 1.7 Dew Point 139139 6923493 2907 90

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DATA PRICESSING BRANCH
USAF ETAC
AIR REATHER SERVICE/ MC

PSYCHROMETRIC SUMMARY

MICCIELLA: AFO FALIF/SACKAFFINT) 40-72

23203 STATION -

-19-13D."

													P <sub>in</sub> f.	ì	HOURS	
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106/105					·	<b>-</b>							. 11.	19.		
104/10?												• 4	7	7		
102/101									• •	• •	. 2	٠٤.	25	25		
100/ 57									• 6	•	. 3	• 5	َ د و	32		
98/ 97		· ·						<u> ).</u>	1		5	٥٥.	44	46		
96/ 95							- 1	د .	. 4	• 5	.5	ک ہ	່ວາ	4.7		
94/ 93								. ۾ ويس	ئە.	3_	_ , 5	• 6	57	5.7		
92/ 91						• l	. 7	• :	.0	. 4	. 3	. 1	7-	78		
90/ 89		·			1	•4	. 5	• 9	٠,5	. 7	• 4		117	117		
88/ 87					.1 .3	1.1	. 6	. 9	. 6	• 3	- 1		127	127		
86/ 85				.5	.2.8	1.5	9	• 6	5	• 2			134	134		
84/ 83			• 6	. 1	.3 1.1	1.2	.7	1.0	. 5	• 1			140	149		
82/ 81					4 1.5		1.00	. 5	• 2	. 1			164	160		
80/ /9	-		1	1.0.2	.5-1.6	.9	• 2	. 3	. 1				231	231		
78/ 77					1 1.3		3_	•2					195	195		
76/ 75		•			•9:1.0	• 6	• 2	• i	•				213	213	2	
74/ 73		<u> </u>	.7.1.7		9 .4	. 2				-			191	191	15	
72/ 71	•		.2 2.9		.6° .3	•1			•		-	-	204	270	47	
70/ 69			.5: 2.7		<u>.5: .0</u>		,						218	213.	137	
68/ 67		.2 1.5 2			• 2	•							196	196	186	
66/ 65	.0 .2	2 نقد 1 نقد		.2!	<u> </u>	:						:	177	143	310	4
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56/ 55	: .1 .2	.0 .1		i	!	1				-	-	1	12	12	277	264
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Element (X)	ΣX2	ZX	X	**	No. Ot	184							Temperate			
Rel. Hum.		Ī	1 1			-1	_ ±0 F	:   :	32 F	z 67	F.   27	73 F	> \$0 F	1 × 93 F	1 7	otol

DATA PRICESSING CRANCH USM ETAC **PSYCHROMETRIC SUMMARY** AIR MELTHER SERVIC / MAG HUCLELLA AFR CALIFYSACRAMENTS 232 ... j(;\*; ₩₹₽€₩ STAT ON 1°0 )-2000 HOLAS (C. S. T P35 6 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14-15-16:17-18 19-20-21-22 23-24 25-26:27-28-29-30 e 31 D.B. W.B. Dry Buils Dee Pair 40/ 37 38/ <u>37</u> 35/ <u>35</u> 37 34/ 33 19 32/ 31 30/ 29 28/ 27 26/ 25 24/ 23 20/ 19 TOTAL .4 1. 3.1 7.511.12.411.910.7 8.0 7.0 6.2 5.7 4.4 3.3 2.9 3.2 IMS FORM ARE Element (X) No. Ohs. 41.115.153 Rel. Hum. 5522710 118204 2873 = 32 F | 267 F | 273 F | 280 F | 254 F | Dry Bulb 174162-71 221735 77.210.271 2873 76.4 57.0 35.6 10782709 175483 61.1 4.728 2873 Wet Bulb 90 Dew Point 71868991 142471 49.6 6.513 2873 90

BATA FRICESSING BRANCH JSAF ETAC AIR MENIPER SERVICE/MAC

Dew Paint

# **PSYCHROMETRIC SUMMARY**

2325F MCCLELLA OF CALIFYSACHAFORT 41-72

Paff 1 2100-2300 1

Temp.							EMPER									TOTAL		TOTAL	
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72/ 71	•	_			1.2		1.1	•2	.3	•1	• 1					155	: 55	2	
70/ 62				1.0			. 7	.3	-1		• 11					194	104	12	
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03/ 61		2 1.2			1.3	د ه _										312	<u> 51c</u>	236	1
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DATA FRUCESSI (S. BRANCH USAF ETAC AIR WENTHOR SERVICHMAN

23215 S'A' 54

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Dew Point ...

## **PSYCHROMETRIC SUMMARY**

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<u>OTAL</u>	3.2	14.21	3.9	<u>20.51</u>	<del>8,3</del>	11.8	0.2	4.0	1.6	7	بلعان		<del></del>			·		295			29
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Dry Belb.		3880		9350		65.3			29			_ +				10.0			<u>-</u> !-		
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DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC MCCLELLAN AFB CALIF/SACRAMENTO HOURS I., 5. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point (F) 84/ 63 82/ 81 • 0 80/ 79; 78/ 77 76/ 75 24 .0. 74/ 73 43: 72/ 71 37 .6 1.0 87. • Û 171 70/ 69 .5 2.2 1.7 1 / 1 .4. 1.3 2.4 1.7 68/ 67 193 193 · 0: 1 · 3 | 3 · vi 2 · ci 66/ 65 204 264 64/ 63 .2 1.0 4.4 3.9 1.9 363 363 17 .3 3.4 6.3 3.4 62/ 61 463 453 1.0 3.2 7.1 2.1 60/ 59 . 8 501 531 301 11 78 56/ 57 3.1 8.5 2.6 1.0 464 622 464 905 56/ 55! 3.6 3.7 255 255 263 . 3 . 9 54/ 53 75 75 661 661 1.4 92/ 51 . 1 13 301: <u> 507 49</u> 528 801 48/ 47 310 195 44/ 43 132 42/ 41 56 40/ 39 26 38/ 37 14 35/ 35 .110.025.923.115.712.4 7.3 3.6 1.3 TOTAL 3019 3019 3019 3019 Mean No. of Hours with Temperature 205370 14551652 810ESE | 158.610.89 32 F ±67 F = 73 F = 5 ₹36 F . = 93 F. 2.7 11636499 61.9 4.725 3 3019 16:6 93 9345642 55.6 2.876 23019 93 **GIA7753** \$ DESCRIPTION .0

50:6 3.794 223019

93

DATA PROCESSING BRANCH PSYCHROMETRIC SUMMARY USAF ETAC AIR WEATHER SERVICE/MAC MCCLELLA' AFB CALIF/SACRAMENTO JUL, **UC6C-0030** HOURS ... 5. 1. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wer Bulb Dew Po 1 . 2 3 . 4 5 - 6 90/ 69 • 3 83/ 67 36/ 35 11 . 2 11 84/ 83 82/ 81 30/ 79 .0 34 . 2 34 20 53 78/ 77 . 2. 1.0 . 2 76/ 75 .91 741 73 . 8 104 .0 2.0 1.6 ٠Ú 164 72/ 71 1.9 2.6 198 198 70/ 69 1.2 37v 1.8 4.5 2.7 . 2 34: 68/ 67 3.5 310 319 66/ 65 .2 3.3 0.1 3.0 1.1 428 428 59 64/ 63 410 410 152 62/ 61 2.5 6.4 2.4 .9 377 377 350 4.0 4.0 60/ 59 .31 296 *≟*96 665 38/ 57 2.0 1.1 145 145 762! 145 55/ 55 66 619: 1.1: 60' 456 54/ 53 .0 287: 719 . 2; 52/ 51 105 684 50/ 49 22 466 48/ 47 267 46/ 45 143 44/ 43 70 42/ 41 40 40/ 39 14 38/ 37 34/ 33 .0 1.411.422.421.116.311.5 7.5 4.5 2.2 1.0 3045 TOTAL 3040 3046 3046 No. Obs. Element (X) Meon No. of Hours with-Temperature Rel. Hum. 11691024 184494 60.612.978 3045. 267 F 273 F 280 F 293 F 10 F ± 32 F. -93 Dry Bulb 13539235 202227 66.4 6.097 3046 40.4 14.B Wet Bulb 10230580 176258 57.9 3.208 93 3046

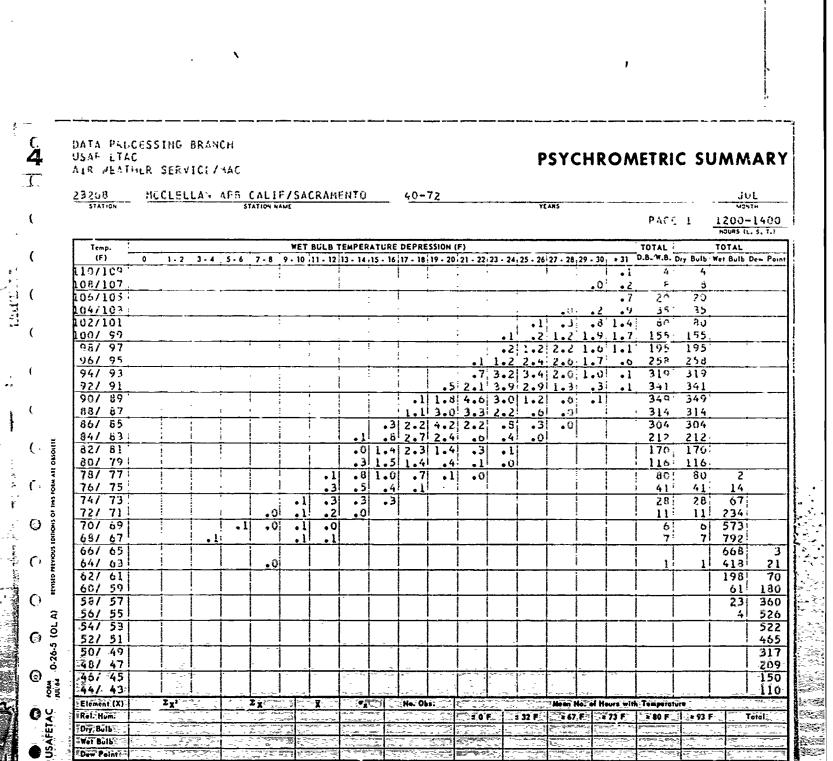
Dew Point

8167648

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DATA PAUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAP ETAC AIR LEATHER SLEVIC: /MAC HCCLELLA . NEB CALIF/SACRAHENTO STATION J900-1100 WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 - 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wer Bulb Dew Point 104/103 105/101 100/ 99 11 . 1 11 98/ 97 90/ 95 30 30 . 3 94/ 93 54 92/ 91 . . . 1 83 <del>23</del> .6 1.1 • i 90/ 89 .5 1.5 135 ٠ 8 88/ 87 .5: 1.5 1.7 lor 160 1.1 • 3 86/ 85 .3: 1.2: 2.6: 1.5. 202 202 84/ 63 .1 1.0 3.5 2.3 1.0 251 251 •2; 62/ 81 .013.2 258 258 89/ 79 .2 2.8 4.6 3.0 345 345 .1 . 0 1.1 4.9 3.3 1.1 78/ 77 317 317 76/ 75 .2: 3.8 3.8 1.5 295 295 .0 74/ 73 .9: 4.9 2.5 . 3 279 279 72/ 71 .3 2.5 3.6 1.0 .1! 39 233 233 75/ 69 .7 3.4 1.6 .4 185 186 121 69/ 67 1.4 1.5 .4 .0 106 106 311 66/ 65 . 2 .7 52 521 610-• 7: 64/ 63 16 734 14 • I 16 62/ 61 60/ 59 .0 630 23 .0 11 399 129 1 58/ 57 - 0 145 358 56/ 55 656 43 54/ 53 666 52/ 51 1 492 50/ 49 321 48/ 47 196 46/ 45 111 44/ 43 42 42/ 41 40/ 39 387. 37. Element (X) ZX, No. Obs. Mean No. of Hours with Temperature Rel. Hum. . 32 F Dry Bulb. Wet Bulb

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC HCCLELLA'S AFE CALIF/SACRAHENTS 0900-1100 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 | 19 - 20 | 21 - 22 - 23 - 24 - 25 - 26 | 27 - 28 | 29 - 30 - 21 D.B.-W.B. Dry Bulb Wet Bulb Dew Point (F) 36/ 35 TOTAL Element (X) 5722760 127872 42.110.615 3039 - 67 F . 73 F . 80 F . 93 F 240289 79-1 7-207 93. Dry Bulb 19157081 3039 90.8 74.7 41.9 3.6 12220271 192495 63.3 3.212 3040 × 161371 = 53.1 3.888 3040



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DATA PA. C. Sollio 881 CH **PSYCHROMETRIC SUMMARY** USAF LTAC AIR ALTIMA SCEVIL / 'AU FALIF/SACKA SAT, 232 - 1 MCCLELLA IF JJL , ( 1500-1710 40045 .. s. \* WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 116/115 14/114 12/111 10/10-03/167 06/10% 04/103 02/101 10 00/ 99 201 201 98/ 97 293 96/ 57 2.9 301 350 .2 1. . 2.0 94/ 93 357 92/ 91 310 2.6 3lu 90/ 69 27 ∡73 38/ 67 224 225 .2 1.8 2.4 1.9 • 6 171 175 26/ 05 .7 2.0 135 135 84/ 87 1.2 82/ <u>61</u> 14 7<u>0</u> 54 80/ 79 υP 78/ 77 30 76/ 75 21 2? الله و 21 74/ 73 51 72/ 71 245 . 2 70/ 69 68/ 17 560 •0 753 -1 <u>66/ ₹5</u> 691 30 64/ 61 62/ : 171 43 106 32 · 57 · 57 15 210 56/ 55 325 54/ 53 453 52/ 51 427 316 Element (X) ΣX3 No. Obs. Mean No. of Hours with Temperature FRēļ. Hum. : 32 F 267 F | 273 F | 280 F | 293 F Dry Bulb

MATE POLES STATE SPECIAL MATERIAL AT THE SERVICE PLACE

"CCLILLA .1 CRETISSACHARTITE

232 CF 5'A' 5N

0.26-5 (OL A)

#### **PSYCHROMETRIC SUMMARY**

10 <u>1</u> 0341

100 -1770 HOURS 18-WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.25 27.28 29.30 .31 D.B. V.B. Div Buis Wei Buis Cem Point 45/47 45/ 45 44/ 43 42/ 41 40/ 39 36/ 35  $\frac{341}{321} \cdot \frac{33}{31}$ 31/ 23 28/ 27 44/ 23 22/ 21 29/ 17 18/ 17 TOTAL .7 .5 1.6 4.4 7.910.312.513.813..12.821.4 3 14 7 3747 Element (X) : = 32 F | =67 F | =73 F | =80 F - =93 F | 3046 2054014 24.6 6.315 1 92.9 97.5 89.5 51.7 92.8 6.9371 25412747 252901 3047 93 Dry Bulb 1<u>3632832</u> 7722253 703580 66.8 5.190 152175 49.9 6.335 50.7 Wet Bulb 3047 93 Dew Point 3047 •9í

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Dew Point

· CLILLA 'F CALIFYSACKY-1 4T.

# **PSYCHROMETRIC SUMMARY**

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C6/16*									• •		•		
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91/91							بفد - دف		. <del>9</del> !.1				
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94/ 9i							• * 1 • I		.ä	144	149		
92/ 91					•	3 .7 2			-4 -2	1 22	1.72		
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<u>85/ €:</u>				<u> </u>	1.5 3.	5 2.2 1	•2 •1			257	257		
64/ 83				.1 .3	2.0 2.	7 1-1	.4 .i			235	238		
32/ 51			.0	.6 2.9	: Z.6 1.	37.	• i			253	253		
857 79			.0 .1	1.7 3.5	1.5	7 .1				743	: 4.0		
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70/ 69		.5 .2 1			•:					92	92	245	
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52/ 51	١,		1			1						1	432
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49/ 47,	; , <u>;</u>	1			1 1000		-				•		227
46/ 45	<u> </u>	<u> </u>	. !	!		<u> </u>		<u> </u>	i	:			193
Element (X)	ΣX,	ZX	1 🗶	<b>₽</b>	No. Obs.			Meon No.	of Koors with	Temperari	ere		
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Dry Bulb			İ			1	ì				:	<del></del>	
Wet Bulb			1				<u> </u>				1		

DATA FF CASSING OF LA IS AF LTLE **PSYCHROMETRIC SUMMARY** ATE SISTEMA SERVIC / AL "LOLECLA AF CALIFYSACANT IT . L WET BULB TEMPERATURE DEPRESSION (F) (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 D.B. W.B. Dr. Bulb 44/ 45 427 41 35/ 27 34/ 31 32/ 51 37/ 2. 26/ 25 24/ 23 13/ 1= 8 9 0.26.5 No. Obs. USAFETAC Rel. Hum. 4419785 109363 36.212.369 3023 267 F | 273 F | 280 F | 293 F |

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# **PSYCHROMETRIC SUMMARY**

Temp.	WET BULB TEMPERATURE DEPRESSION	<i>(E)</i>		P,		HOME S
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	.) 1.1 4.1 3.1 1.4 .2			3?	> .5	
<u> 127 71</u> 737 e9	. 7 4.2 4.1 1.8 .5 .1	<del></del>	· · · · · · · · · · · · · · · · · · ·	33:	<u> پ۶د</u> ۱۱۶۰ -	<del></del>
	.0 1.8 5.4 3.3 1.3 .2 .0			35°		23
63/ 67	1 .1 .4 3.9 4.5 1.5 .0 .0			353	353	<u> </u>
66/ 65	.1 2.1 4.2 2.5 .5 .2			2.30	239	157
64/ 63	.: 2.9.3.2 .7 .2 .0			213	_ <u> </u>	373. 552 2
62/ ti	.5 2.5 .6 .4 .1			132	132	
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DATA PROCESSING BRANCH PSYCHROMETRIC SUMMARY USAF ETAC AIR WEATHER SERVICE/MAC MCCLELLI AFE CALIF/SACRAMENTA J609-0600 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bult Dew Point 90/ 89. 86/ B5 5 34/ 23. .1 • 6: • U 82/ 61 21. 80/ 79 . 2 78/ 77 30 761 75 . 3 120 74/ 73 . 3 72/ 71 1.4 2.4 • 0 176 177 70/ 69 225: 68/ 67 • בּוֹ 4.0 4.3 1.0 326 326 2.7 39/ 397 66/ 65 6.6 . 2 33 64/ 63 .1 1.5 6.4 . 3 447 447 82 8 4.9 247 62/ 61 7.0 421 421 16 60/ 50 6.7 4.5 406 406 533 30 58/ 57 813 228 127 223 1.7 118 732: 374 56/ 55 118 2.0 275 806 13 13 110 810 52/ 51 27 422 50/ 49 48/ 47 8 237 46/ 45 96 44: 43 50 29 42/ 41 26 40/ 39 18/ 31 36/ 35 8 347 33 32/ 31 3067 3065 0.20 3965 3065 No. Obs. Element (X): Meun No. of Hours with Temperature 197004 13241414 64.313.746 3065 ≥ 67 F = 73 F > 80 F ≥ 93 F. Rel. Hum. ≤ 32 F 198547 64.7 5.513 Dry Bulb 12949831 3067 31.4 9.3 93 175429 57:2 2:963 Wet Bulbit 10067793 93 3065

93

8232478

### **PSYCHROMETRIC SUMMARY**

23209 HUCLELLAN AFF CALIF/SACRAMENTO 40-72

STATION STATION NAME

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DATA PRICESSING BRANCH
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AIR WEATHER SERVICE/MAC

23208 MCCLELLAN AFS CALIF/SACRAMENTS 40-72

STATION STATION NAME

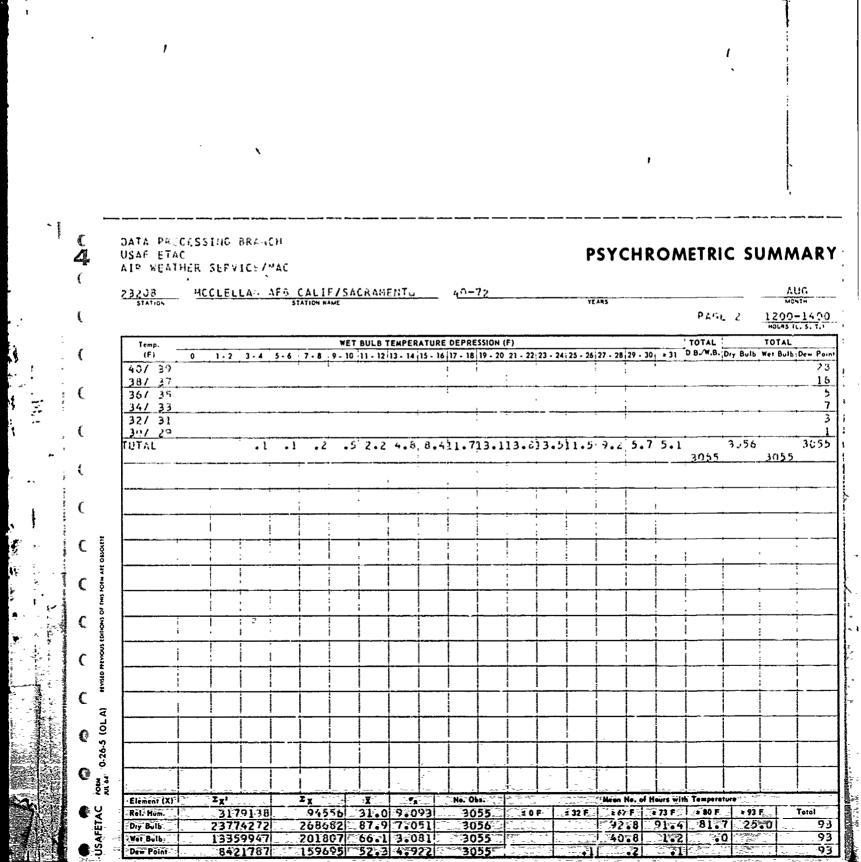
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### **PSYCHROMETRIC SUMMARY**

10095 (L. S. T.) Temp (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14-15-16 17-18 19-20 21-22 23-24-25-26 27-28 29-30 31 D.B.-W.B. Dry Bulb Wet Bulb Dew Point 34/ 33 .4 1.2 0.613.016.015.314.419.6 6.6 5.7 4.5 2.2 1.4 .4 .2 3050 TOTAL Element (X) Meen No. of Hours with Temperature 44.211.708 77.4 7.033 6368313 3050 ≥ 67 F = 73 F = 80 F = 93 F 93 236561 Dry Bulb 18468929 3055 85.0 68.0 34.6 9:0 11999293 Wet Bulb 191115 62.6 3.021 3051 161170 52-8 3.945 3050 93.

# **PSYCHROMETRIC SUMMARY**

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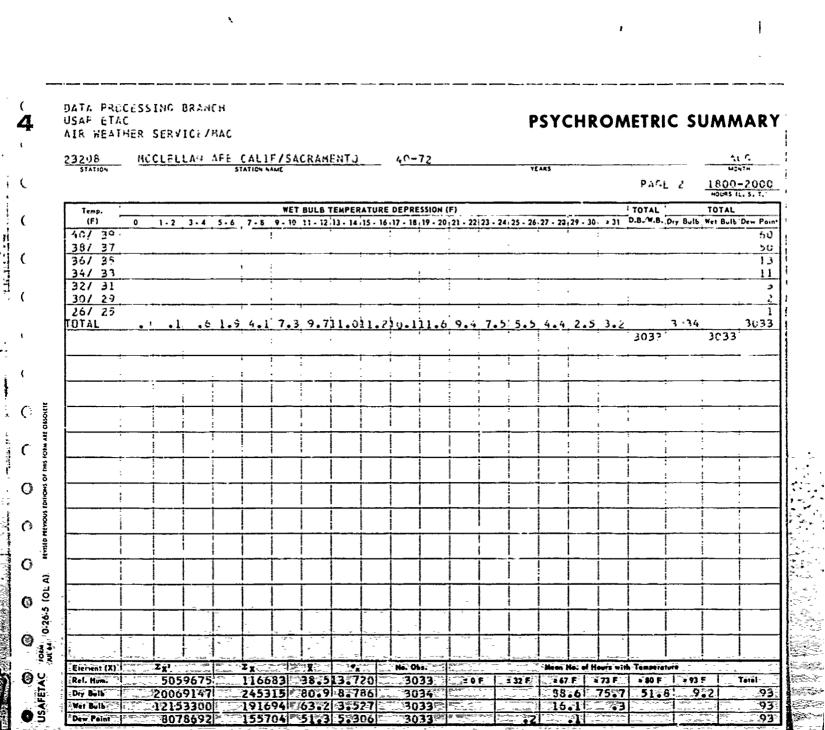
# **PSYCHROMETRIC SUMMARY**

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### **PSYCHROMETRIC SUMMARY**

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Dew Point			3174		1549		5272						- 1 -	ese	grace-treated			3	2 -		93

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MCCLELLAN AFE CALIF/SACRAMENTS

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#### **PSYCHROMETRIC SUMMARY**

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PACE L 0000-0200 HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F, 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 25 \68 1 84/ 93 82/ 61 . 1 80/ 79 17 17 76/ 77 34 76/ 75 38 74/ 73 •0 68 . 2 72/ 71 .7: 1.7: 1.6 • 5 191 70/ 09 .0 191 2.1 ·4 2.2 3.1 1.9 255 68/ 67 255 .3 .6 1.8 3.6 2.8 1.4 .4 1.3 3.0 3.6 2.2 .9 66/ 65 .6! . 2. • 1! 293 298 11 64/ 63 331 331 45 372: 174 372 17 62/ 61 1.0 1.8 4.6 3.0 1.3 . 5 . 1 .0 60/ 59 .9 6.0 4.2 .8 .0 394 397 371 42 1.9 5.5 2.8 . 81 .5 59/ 57 •0 331 335 517 138 .3 1.9 3.2 1.3 6831 56/ 55 211 50 .3 54/ 53 • 2 .1 50 480 433 . 4 52/ 51 .5 . 3 Z٩١ 29 246 571 .11 .0 .1 50/ 49 .1 16 16 128 425 48/ 47° 63 308 45/ 45 32 260 44/ 43 17 130 42/ 41 8 82 40/ 39 62 38/ 37 43 36/ 35 34/ 33 13 32/ 31 30/ 29 28/ 27 0.26.5 26/ 25 3 16/ 15 1 14/ 13 12/-11 = 32 F 267 F 273 F 30 F 793 F 15 0 F Dry Bulb Wet Bulb.

BATA PHICUSSING BRIGH 1521 1 Tax **PSYCHROMETRIC SUMMARY** ATT ALLTHE SERVIC / 140 MCCLELLA OFF CALIFYSACRAMENTS STATION NAME 40515 J00 J- 72 YO WET BULB TEMPERATURE DEPRESSION (F) Temp. (F) TO:AL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 : 11 - 12 - 13 - 14 : 15 - 16 : 17 - 18 : 19 - 20 : 21 - 22 23 - 24 : 25 - 26 : 27 - 28 : 29 - 30 . 31 D.8. W.B. Dr. Bulb Wet Bulb Dew Point at 7 - 420 - 319 - 110 - 213 - 9 - 9 - 7 - 1 3 - 5 1 - 6 . 5 - 2 . 0 . 2750 TUTAL \_779 .775 MI 44 0.26-5 (OL . Me. Obs. Element (X) Zz, LIE 11928737 176569 63-615-945 Rel. Hum. 2778 30 F 32 F 347 F 373 F 30 F 93 F 2786 175566 63.0 53.786 174399 55.6 3.796 Dry Bulb 11156934 23.8 5.4 .61 90 8618305 2779 90 Wet Bulb

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Dew Point

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13:773 -49.6 5.738

CATA PE C SAIFS ER CON JSAR FT C AIF 46/5 EM SERVIC /MAC

MECLELLA - AFT CALIF/SACRAMENTO

23752 STAT IN

# PSYCHROMETRIC SUMMARY

در به مرجو

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		PAGE	. 1	J300−0	
Tens.	WET BULB TEMPERATURE DEPRESSION (F)	TOTAL		TOTAL	
(F)	0 1-2 3-4 5-6 7-8 9-12-11-12:13-14:15-16:17-18:19-20:21-22:23-24:25-26:27-28:29-30	, 31 D.B. W.B.	Dry Bulb	Wet Built De	- Po-a
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ao/ 79	•1•1	4	-4		1
78/ 77	.1 .1 .9	5	5		1
76/ 75			10		I
7.1 73	.0 .2 .4 .1	3^	30		l
72/ 71	.1 .0 .5 .6 .5 .0	44	44		
707 69	.1 .1 .4 .6 .7 .5 .1 .5	ຍ້າ	÷7		1
68/ 67	.7 .4 .4 .0 1.6 1.4; 1.0 .2 .6	160	150		
66/ 65	.1 .1 .2 1.4 1.4 2.5 1.6 .0 .1	22^	225	9	3
64/ 63	.1 .3 1.3 2.5 2.5 2.6 .8 .2 .0 .0	259	289		10
62/ 61	.1 1.9 2.0 3.7 2.9 1.6 .5 .1	363	363	<b>₽</b>	7
60/ 59	2.3 5.3 3.4 2.5 .8 .5 .0 .1	430	<u> 730</u>	229	30
58/ 57	.1. 3.2 6.2 3.0 1.5 .8 .3	431	436	359	145
56/ 55	.0 4.2 6.2 1.7 1.2 .4 .2 .0	400	+02	<u> 50 l</u>	208
54/ 53	3.3 2.6 .8 .9 .5 .1	230	232	6.9	342
52/ 51	.1 1.0 .9 .3 .2 .0 .0	73	73	444	474
50/ 49	•4 •4 •4 •1 •1	38	38	216	500
42/ 47	.2 .1 .3 .0 .1	21	<u> </u>	120	341 240
46/ 45	•1 •7 •1 •0	, -	10	60	188
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		2839		2840	
Element (X)	The Control of the Co	es with Temperer			
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Dry Bulb	10306756 170656 59.9 5.378 2848 2848	1.6	2 f		20.
Wet Bull	8312532 153228 54.0 3.996 2840				.065
Dev Point	6893263 138885 48.9 5.905 2939		: [	7	. 907

MCCLELLA'S AFE CALIF/SACRAHENTO STATION HAME

# PSYCHROMETRIC SUMMARY

SEP MONTH

																		PACE	1	HOURS IN	
Temp.											SSION (F							TOTAL		TOTAL	
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12/ 61									•0	.0	<u>.l</u>	1						<u>.                                    </u>	<u>&gt;</u>		
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78/ 77			<u> </u>	·			<u>• i</u>		• 2	.4	• 2							5 15	28		
76/ 75			,	. 0	• 0			.5		1			;	1				37	37		
14/ 73			•——•		<u>.0</u>		• 3				• 1		<u> </u>					05	65		
72/ 71			,	• 0	. 2	2			• 6	, :	_ :			ļ	ì	1		105	105		
70/ 69			• 0		.5	1.3			.4		•0.	•	<del>i</del>					155	155	<u> </u>	
8/ 67		•0			1.3			•0	.2		ī	ř.	3		. !			185	125		
6/ 65		•0		2.3				• 0					- 1	!				283	283	17	
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fet Bulb		£ 500 %,	4	10 AP - 47		-		<u>,- , - , </u>		7 Tay of a	*******	COLUMN TO STREET		5 - VA					2000		
ew Point	. = =	**Z* = Z*		<del>- 12 (12 4)</del>		- Tage - Tage -	A.7 - T.	- N-1 29	- <del></del>	- Renzem	2000 P	- 25-G-								<u> </u>	

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC MCCLELLAN AFR CALIFYSACRAMENTU 0000-0600 1.1 .5. T.1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 0 1-2 3-4 5-6 7-8 9-10 17-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B.-W.B. Dry Bulb Wet Bulb Dew Poin (F) TOTAL .6 9.921.421.914.812.3 7.9 5.8 3.3 1.4 .7 .1 .1 0.26.5 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 12922587 186743 65.216.145 2864 10F 132F 267F 273F 280F 293F Dry Bulb 11125930 177832 61.9 6.216 2871 90 18-9 90 8702126 157438 55.0 4.202 2865 Dew Point 7044848 141030 49.2 5.916

· 2006年

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR MEATHER SERVICE/MAC MCCLELLAN AFS CALIF/SACRAMENTO PASE 1 0900-1100 HOURS (L. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 102/101 00/ 99 98/ 97 96/ 95 17 94/ 93 . 31 .0: 92/ 91 .0 90/ 89 58 58 .0 81 38/ 67 120 120 85/ 85 125 84/ 83 82/ 81 .6 1.9 1.9 1.0 . 1 177 177 80/ 79 78/ 77 232 233 223: 220 .6 2.0 2.2 1.8 . 3 76/ 75 292 222 3.2 74/ 73 1.4 2.8 3.0 •5 279 279 • 1 275 278 72/ 71 . 0 2/9 279 22. 70/ 69 3.5 3.5 252 431 252 68/ 67 •1! 254 66/ 65 .6 2.3 . 1 171 171 466 110 111 64/ 63 .0 .0 1.3 71 71 6401 25 . 1 . Q 62/ 61 . 8 • i • 1 60/ 59 18 5321 .0 58/ 57 .0 .0 8 4041 183 240 56/ 55 103 416 54/ 53 .0 36 50/ 49 16 370 289 48/ 47 207 46/ 45 44/ 43 136 84 42/ 41 69 40/ 39 44 38/ 37 36/ 35 Man No. of Hours with Temperature ≥ 67 F 2 73 F ≥ 80 F | • 93 F 1 0 F 1 32 F Dry Bulb Wet Bulb

### PSYCHROMETRIC SUMMARY

| MCCLELLAG AFT CALIF/SACRAMENTU | 40-72 | | SEP | | MCCLELLAG AFT CALIF/SACRAMENTU | 40-72 | | YEARS | MCCLEL | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH | MCCATH

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### **PSYCHROMETRIC SUMMARY**

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09/107												1					• 2	7.	6		
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76/ 75		1	,	-	1	• 1 • 1		1.9					•2	•0	ì	1		152	152	2	1
74/ 73			1		•0	.1			.9		•1	•1	•0		i			120	120		
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Dew Point	- '									- Andrews	2	A				_ `		A	D	7	

# **PSYCHROMETRIC SUMMARY**

•	23268 STATION	HCCL	ELLA"	AFS	CALI	F/SA	CRAP	[HT <sub>U</sub>		4 <u>0</u>	72			vc	ARS						E ''
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#### **PSYCHROMETRIC SUMMARY**

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### **PSYCHROMETRIC SUMMARY**

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MCCLELLA' AFB CALIF/SACRAMENTJ 1800-2000 WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Poin 1-2 3-4 5-6 7-8 9-10-11-12-13-14-15-16-17-18 19-20-21-22-23-24-25-26-27-28-29-30-+31 104/103 102/161 100/ 99 . 1 98/ 97 95/ 95 •5 .1 2= 28 . 2 947 93 92/ 91 • 2 • 4 • 6 • l 42 90/ 59 85/ 87 liš 118 137 85/ 85 84/ 83 .0. .3 1.0 1.7 1.4 163 163 ā2/ ē1 197 192 . 21 .7: 1.5 2.1 1.0 80/ 79 1.1 1.9 1.9 1.0 1.6 2.5 2.0 1.2 225 225 .4 -1 78/ 77 241 76/ 75 .3 1.5 2.5 1.8 250 1.5 1.0 250 1.9 237 237 74/ 73 .8 72/ 71 .4 1.6 .1 234 234 70/ -69 .2 2.6 2.1 2381 685 45: 1.7 2.3 1.2 68/ 67 • 1 .5 .3 202 202 145 65/ 65 .7 2.0 1.7 .0 .01 107 167 278 .6 .1 64/ 63 . 1 1.1 1.1 . 2 .1 98 98 473 16 65 62/ 61 •0 .0 55 544 . 8 29 • Ó . 3 -60/ 59 535 . 2 36 361 80 .2 • 1 0 £58/ 57 .0 10 418 172 36/ 35 . 0 •0 215 280 547 53 401 101 52/ 51 40 425 507 49 22 356 48/ 47 101 269 91 219 152

USAF ETAC
AIR WEATHER SERVICE/NA

427.41

40//39

Rel. Hum.

Dry Bulb

#### **PSYCHROMETRIC SUMMARY**

Mean No. of Hours with Temperature

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94 66

\* 93 F

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SERVICE/MAC MCCLELLA" AFP CALIF/SACRAMENTO 1500-2000 HOURS (L. S. T. PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 31 | D.B. V.B. Cry Bulb Wet Bulb Dew Poin 36/ 35 40 34/ 33 32/ 31 30/ 29 28/ 27 25/ 25 24/ 23 207 19 16/ 15 12/ 11 TOTAL .7' 1.1' 4.0' 7.610.511.611.511.410.210.1' 7.7' 6.1 3.9' 2.1' 1.6 2645 Element (X) No. Obs. Mear. No. of Hours with Temperature 42.015.336 76.0 8.367 Rel. Hum. 5691370 119536 2845 ≥ 67 F > 73 F = 80 F = 93 F 78.0 56.7 0.3 .1 Dry Bulb 16644262 216302 2845 90 10511733 172539 60.6 4.102 2845 90 Wet Bulb.

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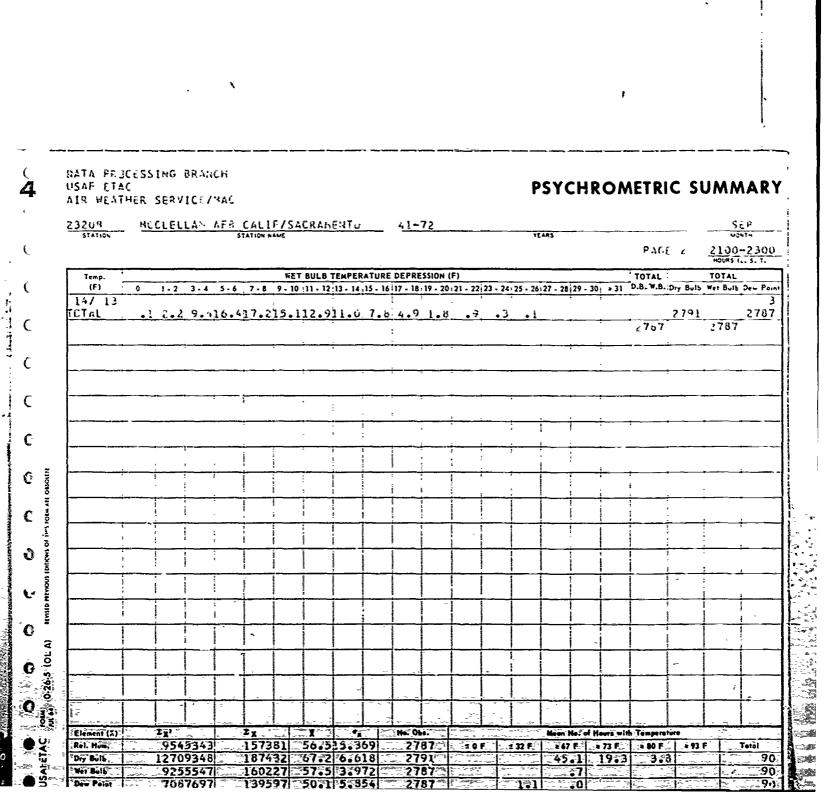
DATA PRUCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR HEATHER SERVICE/MAC 23268 MCCLELLAS AFB CALIF/SACRAMENTU SEP STATION MONTH PASE 1 2100-2300 HOURS -L. S. T. WET BULB TEMPERATURE DEPRESSION (F) Temp. TOTAL (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14:15-16:17-18:19-20:21-22:23-24:25-26:27-28:29-30: 231 D.B.-W.B. Dry Bulb. Wer Bulb Dew Point 92/ 91 90/ 69 96/ 67 • 0 86/ 85 84/ 83  $\cdot \overline{0}$ • Ī • 3 21 71 . 3 82/ 81 ۰٥ 36 33 80/ 79 •6 72 .2 72 78/ 77 102 102 76/ 75 .6 1.5 145 145 • 1 74/ 73 194 72/ 71 . 5 .6 1.2 2.8 2.0 217 217 C 70/ 69 .3 1.5 3.8 2.2 1.4 292 232 .9 2.4 58/ 67 •0 3.4. Z.2 1.0 304 364 17 . 1 .8( 1.8; 3.9) 66/ 65 317 317 64/ 63 .1 1.0 3.5 4.0 1.8 .6 322 323 159 17 62/ 61 .4, 1.8 4.2 .5 293 29% 347 3.0 3.0 1.0 60/ 59 .6 249 • 3 .1 248 539 72 58/ 57 131 131 567 56/ 55: • 2 . 5 • 1] 50 512 255 OC. 54/ 53 •0 17: 17 29? 539 52/ 51 . 1 . 1 10 10 130 464 50/ 49 75 402 48/ 47 .0 30 291 46/ 45 14 189 44/ 43 127 42/ 41 66 40/ 39 57 38/ 37 ₹ 36/ 35 ತ 36 33 34/ 19 32/ 31 30/ 29 28/ 27 11 26/\_25 Element (X) Rel. Hum. 10F 132F Total Dry Bulb Wet Bulb

Dew Point

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24/ 23 22/ 21 20/ 19 18/ 17 16/ 15 MCCLELLA : AFS CALIF/SACRAMENTO

#### **PSYCHROMETRIC SUMMARY**

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0000-0200

WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1-2 3-4 5-6 7-8 9-10 11-12-13-14 15-16/17-18-19-20/21-22 23-24/25-26/27-28/29-30. e 31 D.B. W.B. Dry Bulb Wet Bult Dew Point (F) 74/ 73 - 1 .1 72/ 71 . 1. 70/ 69 23 . 1 . 2 57 68/ 67 59 . 3, 1.1 11-114 66/ 65 • 6 1.0 . 1 .1 157 64/ 63 .0 157 62/ 61 .7 1.6 1.9 .0 - 1 225 225 60/ 5-414 2.8: 2.1 416 58/ 57 .6 3.9 4.7 3.7 2.4 1.3 522 52 . 8 526 263 .3 4.7 5.9 2.9 2.1 503 191 56/ 52 500 427 54/ 53 .1 3.4 3.4 1.6 1.0 318 3 ] ō 494 252 2.4 2.2 1.3 511 52/ 51 236 236 .6 153 50/ 49 .1 1.6 1.2 153 391 398 . 5 • 0 48/ 47 .1: 1.0-. Ó. 94 94 272 385 . 3 .41 46/ 45 • 5 . 2! . 31 50 59 104 307 .6 35 184 . 3: 122 44/ 43 • 3l • 0. . 3 .0 20 20 81 201 42/ 41 <u>.</u>2 139 40/ 39 11 65 • 0 38/ 37 36 98 18 36/ 34/ 33 55 32/ 31' 59 30/ 29 23 2š 26/ 25

Element (X) No. Obs. Mean No. of Hours with Temperature 15282989 206797 69.717.076 2966 267.F: ≥73 F. ≥80 F. ≥93 F. 93 9598377 56.615.402 2973 Dry Build 163161 3:3 151729 51-2 5-116 93 7839467 2766 135337 46.0 7.859 7.6 93

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DATA PROCESSING BRANCH PSYCHROMETRIC SUMMARY USAF (\*15 ATR MELT TO SEPVICE /MAC MCCLELLAN AFF CALIFYSACRANINTO 0600-0800 WET BULB TEMPERATURE DEPRESSION (F) TOTAL . (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 111 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 78/ 75 .0 72/ 71 70/ 69 68/ 57 . 3 .0 .0 • 6 65/ 65 64/ 63 117 117 1.0 1.1 . L. .8 - . 9: 1.4 67/ 61 139 314 314 03 lo 379 380 56/ 55 4.2 4.7 3.0 1.1 454 457 337 120 . 4 231 54/ 53 4.6 4.4 2.1 439 441 437 52/ 51 323 324 481 331 50/ 49 441 396 207 267 45/ 47 . 3. 160 169 336 369 46/ 45 112 207 339 70 79 185 44/ 43 286 30 421 41 119 175 • 1. 40/ 39 17 17 76 171 • L 38/ 37 18 13 50 137 36/ 35 10 28 80 . 1 Lo 20 32/ 31 81 57 28/ 27 32 24/ 23 22/ 21 41/ 19 18/ 17 16/ 15 3064 3057 3057 3057 Element (X) Mean No. of Hours with Temperature 222448 011628 72.816.429 3057 Rei. Hum. 267 F 273 F - 280 F Diy Bulb 9230417 167173 54.6 5.976 3066 93 49.9 5.428 7691889 152443 3057 93 Wet Bulb . 3

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Dew Point

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MCCLELLA" AFT CALIF/SACRAMENTO

### **PSYCHROMETRIC SUMMARY**

PAGE 1

5906-1100

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DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR WEATHER SEPVICE / MAC MCCLELLA. AF3 CALIF/SACRAMENTO 40-72 MONTH J900-1100 HOURS .L. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 31 0.8-W.B. Dry Bulb Wet Bulb Dem Point 22/ 21 20/ 17 15/ 15 14/ 13 12/ 11 TOTAL .4 4.2 6.113.714.814.512.010.8 8.5 6.5 4.6 2.3 1.1 .3: .0 3060 3560 3060 Ģ 6 2x x x 160807 52.618.196 203002 66.3 7.095 170622 55.8 4.575 Σχ Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 9463453 3060. SOF ± 32 F 267.F 273 K 280 F 293 F Dir Bulb 13621252 3060 43.3 3060 73 Yet Bulb 7577698 3060 Dew Point 6890571 143143 46.B 7.976 6.6

Wet Bulb Dew Point MCCLELLA'S AFT CALIF/SACRARENTE

### PSYCHROMETRIC SUMMARY

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MUCLELLA . AFT. CALIF/SACRAMENTO

#### **PSYCHROMETRIC SUMMARY**

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40-72

### **PSYCHROMETRIC SUMMARY**

23208 MCCLELLA : AF7 CALIF/SACRAMENTO 40-72

STATION STATION NAME

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DATA PROCESSING BRANCH USAF LTAC **PSYCHROMETRIC SUMMARY** AIP WEATHER SERVICE/MAC MCCLELLA" AFR CALIFYSACRAMENTO 1500~1700 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 :11 - 12 13 - 14 :15 - 16 :17 - 18 :19 - 20 :21 - 22 :23 - 24 :25 - 26 :27 - 28 :29 - 30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 34/ 33 32/ 31 307 27 53 23/ 47 26/ 25 33 24/ 23 22/ 21 20/ 15 18/ 17 16/ 15 14/ 13 12/ 11 101 OTAL Š No. Obe. Σχ² Meon Ho. of Hours with Temperature Ci-ment (X) 3608879 Rel. Hum. 119075 39.017.812 3056 267 F 273 F 280 F 293 F 17293107 228493 74.7 8.638 Dry Bulb 3057 70.3 54.7 179190 58.5 4.633 Wet Bulb 10569050 3057 2.4 3057 6536408 139124 4355 3.767 Daw Polat ..0

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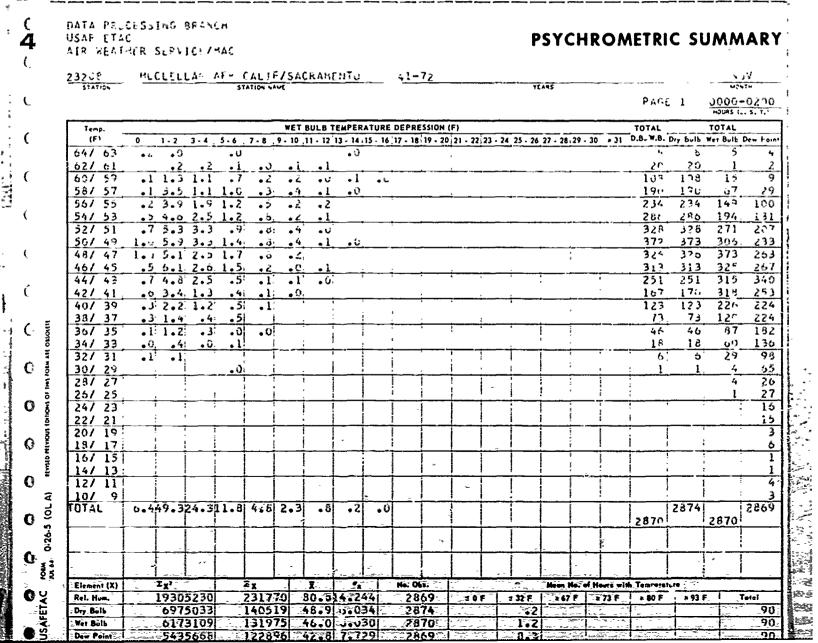
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DATA PROCESSING BRANCH USAF ETAC PSYCHROMETRIC SUMMARY AIR HEATHER SERVICE/HAC MCCLELLA : AFE CALIF/SACRAMENTO Page > 1800-2000 HOURS ( .. S. T. TOTAL WET BULB TEMPERATURE DEPRESSION (F) Temp. 0 1-2 3-4 5-6 7-8 9-10-11-12 13-14-15-16-17-18-19-20-21-22-23-24:25-26-27-28-29-30-23 D.B.-M.B. Dry Bulb Wet Bulb Dew Poir (F) 22/ 21 20/ 19 18/ 17 16/ 15 TUTAL .3; 5.0; 8.211.8[3.1]4.0[2.9]2.1 9.6; 5.9; 4.3; 1.7 .o .2 .i 3051 3625 3021 0 0 Σχ Element (X) No. Obs. Mean No. of Hours with Temperature 52.918.491 9469773 Rel. Hom. 159629 3020 \*47 F \*73 F \*80 F \*93 F 1 32 F 199256 65.9 7.085 167580 55.5 4.789 13276756 3025 Dry Bulb 40-7 16.2 9365214 3021 Ver Bulb; 6747989 140603 46.5 4.216 Dew Point 3021 7.2

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DATA PRICISSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR SERVIC- /MAC SUCLELLAN AFR CALIF/SACRAMENTO PARE 7 2100-2300 HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1.2 3.4 5.6 7.8 9.10 11-12:13-14:15-16:17-18:19-20;21-22:23-24:25-26:27-28:29-30 \*31 1.2.12.119.215.014.914.510.7 5.6 2.5 1.0 .2 .1 D.B. W.B. Dry Bulb Wet Bult De- Por-Element (X) Zx, 2965 13073941 169707 64.017.771 Rel. Hum. 32 F 367 F +73 F +80 F +93 F 10713490 177604 59.8 5.003 2972 10.9 2.2 93 Dry Bulb 93 8345158 156614 52.8 4.951 2965 Wet Bulb ... 2965 93 Dew Point 197831 46.5 7.982 6596037 770



DATA PRICESSING BRANCH USAF ETAC AIR REATHER SERVICE/MAC

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#### **PSYCHROMETRIC SUMMARY**

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237.35 MCCLELLA - AF'S CALIF/SACRAMENTO 46-72

STATION STATION NAME

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(F)       0       1.2       3.4       5.6       7.8       9.10       11.12:13.14:15.16:17.18       19.20:21.22       23.24:25.26:27.28:29.30       31       D.B. M.B. Dr., Bulk Wer Bulk Den F         4/63       .2       .3       .1       .0       .4       .1       .7       .1       .1       .1       .1       .1       .1       .1       .1       .1       .2       .1       .2       .2       .2       .2       .2       .2       .2       <	24/ 23		\$	t	!!	i		İ	Ī	ŧ	1	9	1	1	;	*		2	
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			1.2 3.4	5 - 6	7 - 8							2 23 - 24	25 - 26	27 - 28	29 - 30 - 3	TOTAL 1 D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	ī

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\_≤ 32 F

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USAF ET.	.CeSJING BRANC NC THER SERVICE/F						F	SYCH	IRON	METRI	c su	M
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STAT C4		STATICS NAME					<del></del>	EA+S		Parg		
Tenp.			ET BULB TEA							TOTAL		TOT
64/ 63	0 1-2 3-4	5-6 7-8 9-	10 1; - 12 13 . U	14.15 - 15	.17 - 18 49 -	20 21 - 22	23 - 24 - 25 - 26	27 - 28-29	- 3¢ • 1	V.S. ¥.S. (	Dry Bulb (	Fe4 2
62/ 61	1. 0. 1. 2. 3. 5. 5.	.7.				- <b>-</b>					<u></u>	
58/ 57	1 1.7 1.1		.1							1:4_	32 194	1
50/ 55	2.3 2.1	.3 .4 .	.1			-				2 ) !	201	11
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57/ 40	.7 5.7 2.5	.7 .5	.1					*		314	314	25
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36/ 37	.3 2.7 .7	•3						-		150	120	21
32/ 31	.3 1.3 .2 .3 .8 .1	.1	<del></del>		<del></del>					51	- 52	1
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26/ 27 3   26/ 25	.1	-						•		7	2	
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10 N	The same of the sa							2 General St. 1	- Kaphulini	# 45 B	1	
Element (X)	21271132	- Z <sub>X</sub>	53-312	4	No. Che.					4 Temperate		
Rela Hua	. 217/11771				3662	1 23			_+ 73 F			

بعاقم

DATA PROCESSING BRANCH USAF ETAC AIR WENTHER SERVICE/MAC

MLCLELLA + AFR CALIF/SACRA. NTU
STATION NAME

23268 STATION

### PSYCHROMETRIC SUMMARY

74/ 73																PATA	1	3900-	
(F) 0 1.2 3.4 5.6 7.8 9.10 11.12   3.1   15.16   17.16   19.20   2.12   22.21 24   25.26   27.26   29.30 . 31   20.80	Temp.					#ET	BULB 1	EMPER	ATURE	DEPRE	SSION (	F)				TOTAL		TOTAL	
76/ 75 74/ 73 72/ 71 71		0 1-2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	3 - 24 (25 - 26	127 - 28 - 29	- 30 - 21	D.B. W.B.	Dry Bulb	Wet Buto	Dew F
727 71	76/ 75													*************		7			
727 71	74/ 73,						. 1	. 1	.1	.1	. 1	• )				1.2	13		
68	72/ 71				• 1		• 7.	• 2	.1	.1						73	?3		
68	70/ 69		,		.0	. 2.	. 3	. 2	1	1.	. 0	i .				20	26		
100	68/ 67		·		. 21									·		54	64		
64/ 63	66/ 65	• J) • l	ı .i	.4	1 1	. 5	5	د.	. 3	1 .1:		i s				F (	იკ	i	
172   172   28   173   174   175			1 . 3	1.0								,				130	130	7	
60/ 59	62/ 61	• c: • 4	7													172	172	28	
348   348   368   369	60/ 59		11.7	2.2	2.1	• 9	1.1	.4				;		-		290	290	64	
56/ 55												1 .		1		348	348	168	
564   52   .2   2.4   3.2   2.2   1.5   1.1   .3   .1   .3   .3   .3   .3   .	56/ 55									,		<del> </del>	1	T :		399	399	234	
527 51	54/ 53.					1.1		.1		, !		, ;	;	1		336	336	350	1
50/ 49														1	,	3:19	309	383	2
46/ 47	50/ 49	.2 2.8	3 3.4	2.0	1.0	. 3	. 1					1	i				295	429	2
46/ 45	48/ 47						• 1						i			190	192	410	3
106 106 201 42 / 41	46/ 45		1	1	1 1	.0									1	145	145	359	. 3
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38 / 37	40/ 39		3 .3	.1					l					1		19	19	35	, 1
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Element (X)																			
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Rel: Hum. 15335667 208407 08.917.938 3024 10F 132F 267F 273F 280F 293F Total Dig. Bulb 9180518 165482 54.7 (0.577 3026 308 304 308 308 308 308 308 308 308 308 308 308				ļ 1									- Westernament			3024		3024	
Rel: Hum. 15335667 208407 08.917.938 3024 10F 132F 267F 273F 280F 293F Total Dig. Bulb 9180518 165482 54.7 (0.577 3026 308 304 308 308 308 308 308 308 308 308 308 308	Element (X)	Σχ²		<b></b>	Zx	- T-	¥ _	•	<del>ا ا با</del>	No. OL	a	<del></del>	ــــــــــــــــــــــــــــــــــــــ	Meon No.	of Hours wit	h Tempera	nte	ــــــــــــــــــــــــــــــــــــــ	٠
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والمناف والمنا				1.	1654	82	54.7	6.5	77				1::						
Wel. Bulb. 7402479 148745 49.2 5.333 3024 .1		74	02479	· · · ·	1487	45	49.2	5.3	33						1	1			

DATA PROCESSING BRANCH USAF ETAC AIP WEATHER SERVICE/ 4AC

STATION

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Dry Bulb Wet Bulb Dew Point MCCLELLAS AFB CALIFYSACRAMENTU

STATION NAME

#### **PSYCHROMETRIC SUMMARY**

MONTH 1200-1400 HOURS (L. S. T.)

WET CULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 D.B. W.B. Dry Bulb 86/ 85 . 1 84/ 93; 82/ 61 867 79 4 % 77 78/ 45 .0: ၁၀ 76/ 44 74/ · (· . 30 39 • 2 721 71 195 1.1 70/ 69 . 8 100 • 5 •1) 160 68/ 67 1.0 1.2 2u a 200 66/ 65 250 250 12 294 351 351 62/ 61 1.5 2.8 2.5 1.9 104 12 . 2 3.0 3.4 50/ 336 1.0 2.0 305 201 29 2.0 2.4 223 58/ 57 1.0 301 301 51 . 2 56/ 1.9 285 203 395 53 1.5 1.6 . 71 132 531 174 54/ 102 126 495 242 124 .0 50/ 445 289 • 0 . 1 61 62 43/ 47 34 263 322 38 46/ 45 28: 158 • GI . 8 . 1 345 44/ 43 . 3 12 10 84 302 42/ 41 244 40/ 39 202 37 38/ 165 141 34/ 33 117 31 30/ 29 66 28/ 32 25 26/ 43 24/ 22/ 21 16 X No. Obs. Mean No. of Hours with Temperature Rel. Hüm: 20 F ≤ 32 F ≥67 F = 73 F = 80 F = 93 F

CATA PROCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR FEATHER SERVICE /MAC MCCLELLA . GF'S CALIF/SACRAMENTA PASE & 1200-1400 HOURS (L. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 D.B. W.B. Dry Bulb Wer Bulb Dew Port 18/ 17 16/ 15 14/ 1<sup>2</sup> · 4 4.5 9.714.115.714.011.5 9.2 7.5 4.5 2.4 .1 TUTAL 3025 3025 No. Obs. Mean No. of Hours with Temperature Element (X) 10611346 55.919.511 Rel. Hum. 169166 3025 ≥ 67 F ≥ 80 F ≥ 93 F 11633854 61.6 7.065 3026 90 186496 21.2 7.0 Dry Bulb 3415007 158921 52.5 4.670 3025 Wer Buib 133158 44.0 8.002

3026

7.8

- 6054124

Dew Points

DETERMINE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/NAC

### **PSYCHROMETRIC SUMMARY**

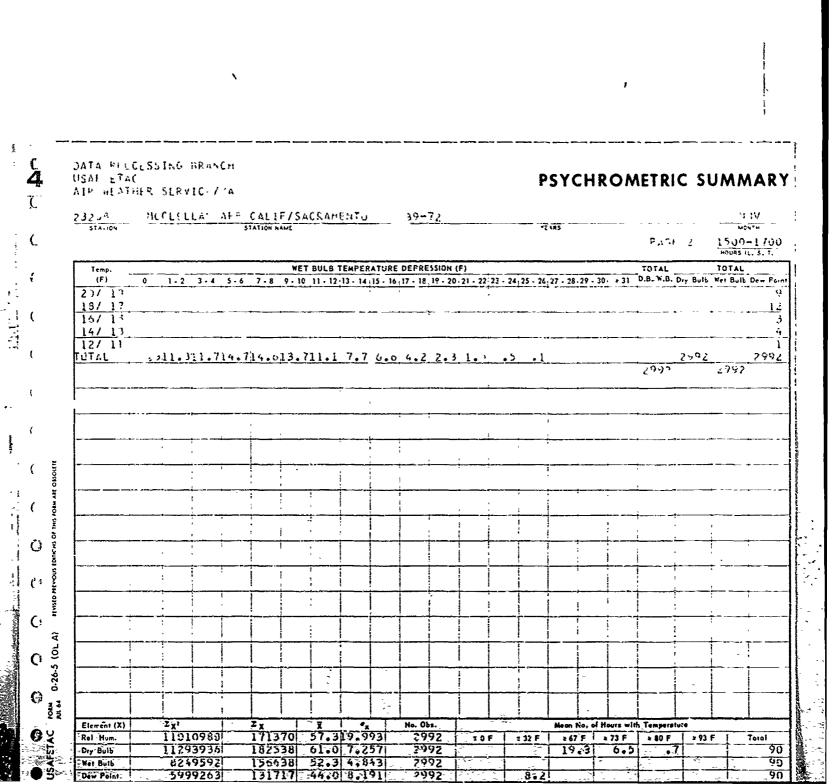
23208 MCCLELLA AFRICALIF/SACRAMENTU 30~72

STATION STATION NAME

PAGE 1 1500~1700 HOURS ILL S. T.)

Temp. 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL

Temp.										DEPRE								TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	23 - 24 2	25 - 26	27 - 28	29 - 30	+31	D.B. W.B. (	ory Bull 1	Wet Bulb	Dew Po
88/ 87				-	;					ì			• 9		,		!	1	1		
86/ 85		·•											باو				•	1	1.		* * - * -
847 83												. 1	• 1	• 4				7	5		
82/ 81		<b></b>	·								1.	. 2.	.1	.0				12	12		
80/ 79								• (1	. 1	. 2	. 3	. 1	• 0				•	23	23		
78/ 77							. 0	• 4	<u>د و</u>	<u>, , , , , , , , , , , , , , , , , , , </u>	. 2.	<u> </u>	.1	<u>.l</u>				40	40		
10/ 75		•	•			• 0	. 3	. 2	.5	. 3.	• 2	• 6	• i					56	50		
74/ 73							. 4	_ • 6	. 4	. 5.	_ 5							79	79.		
72/ 71					· È	. 4	. 5	. 4	. 4	• 7	.4	. 2					•	100	100		
70/ 69		_		. 2.	. 2.	<b>,</b> 5,	1.0	. 0	1.0	. 9		si.						144	144		
62/ 67		• •)	• 1	• 3	. 3	•9	• 9	.9	1.0	٠. ن	.3						;	179	179		•
66/ 65	· 	1 .1	. 2	• 0:	1.2	1.1	2.4		1.0	. 4		1	•		,			240	248	7	
64/ 63		.3	. 9	.9	1.4	2.2	1.4	1.5	. 8	.27	.0	:	-				}	273	273	43	
62/ 61	t	.5	9	1.5	2.1	2,4	1.4	. 8	. 4	.2					:		1	307	327	101	
60/ 59		9 6	1.4	2.7	2.8	2.3	1.2	. 4	, 3	;							•	364	354	177	3
58/ 57	• (	1 1.3				1.5	. 9	• 2	. 2	;	1	. 1	1		1		ţ	3.35	305	249	5
56/ 55		2.0	2.3	2.6	2.0	• 6	.6		.0			:	1					314	314	339	14
547 53		1.7	1.5	1.6	1.1	.0	. 4	. 0				:	1		•			217	219	497	_2^
52/ 51	•		1.5							7							1	145	145	49)	22
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48/ 47		.8																43.	43	303	31
45/ 45		1.0	. 1							i		:						341	34	173	34
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Ref. Hum.	<del>                                     </del>							7			-	± 0 F	1	32 F	≥ 67		73 F	4 80 F	≥ 93 F	7	Total
Dry Bulb	<del> </del> -						-;-	<del>  -</del> -			<del></del>		┿	32		->-		1	1	<del>-   - '</del>	
Wai Bulk		-		<del></del>		<del></del>		-							<del>                                     </del>	<del></del>	<del></del>	<u> </u>	<del> </del> -	<del></del>	



PATH PHICESSING BRAFFH USIF ETAC AIR MEATHER SERVIC-/MAG

MUCLEULA ARE CALIFYGACHANERTO

145298

129623

7276578

5910967

Wet. Bulb

Dew Point

49.5 5.259

44.2 7.926

#### **PSYCHROMETRIC SUMMARY**

90

90

1607-2006 PAC: 1 HOJRS (L. S. T WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 31 D.B W.B. Dry Bulb Wet Bulk Dem Por 15/ 75 74/ 73 72/ 71 12 75/ 69 68/ 67 · 3 • 2 . i 45 66/ 65 54/ 53 . 2 .0 62/ 51 60/ 59 1.5 1.5 1.7 1.7 1.2 275 275 31 Q d 53/ 57 171 2.3 1.0 55/ 55 . 8 3.2 3.0 1.8 424 424 141 54/ 53 3.7 330 194 52/ 51 .4. 3.0: 3.2 313 313 2.1:1.0 ۵. 415 245 <u>50/</u>49 2.8 3.7 291 175 430 271 48/ 47 170 337 664 46/ 45 345 340 44/ 43 • 2 8:) 233 258 Kr. 496 42/ 41 .1 17 33 40/ 39 12 132 174 38/ 37 2 39 36/ 35 120 34/ <u>33</u> 32/ 31 106 83 30/ 29 32 28/ 27 41 26/ 25 24/ 23 18 20/ 19 11 18/ 17 16/ 15 -14/ 13 2934 TOTAL 2.124.323.818.712.3 7.9 5.4 3.3 1.7 2934 ZX No. Obs. Mean ' o. of Hours with Temperature 15248591 204727 2934 Rel. Hum. 69.818.122 = 0 F 267 F | 273 F | 280 F | 293 F ± 32 F 2934 Dry Bulb 8930603 160893 54.8 6.058 90 3.0

2934

2934

7.3

DATA PRECESSING BRANCH USAF ETAC AIR WENTHER SERVICE/MAC

MECLELLA .. AFT CALIF/SACRAMENTO

### **PSYCHROMETRIC SUMMARY**

Temp.							WE	T BIII	B T	FMPFD	ATURE	DEPRE	SSION	(F)						TOTAL		TOTAL	i. 5. 1.
(F) _	0	1 - 2	3 -		5 - 6	7.8									.23 . 2	4:25 - 26	.27 . 28	29 - 30	0 + 31	D.S. W.B.	Dry Bulb		Dew P
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60/ 59	.1	1.5	1.	Ė	1.0				.3	.1	<u>.u</u>	•								153	159	23	
58/ 57	.1	4.5	2.	5	1.0	, 7	٠ .	7	· 3·											224	224	100	
36/ <b>5</b> 5		3.3			1.5	1.1		3.	. 4	.0	_•₹	•							7	294	274	184	l'
54/ 53	.0.	4.8	3.	. 5	1.7	1.2			. 4	.1										377	377	241	
52/ 51	• 3	4.0	4,	4	1.5	1.0		7	. 3					-						384	394	303	
50/ 40		5.3						4	.1										~	397	97د	375	
43/ 47	, 4		<b>"</b> 3,		1.4	-	•	Z'	. 0	1		: '								281	281	374	_
45/ 45		4.0								<u>.</u>		<u>:</u>			<u> </u>					249	250	370	
44/ 43		3.0			. 4				•			, ,		•	•					107	· 68	342	_
42/ 41		1.7	11.	<u>. 0,</u>	.3		•	0				<del>                                     </del>			<del></del>				<u> </u>	38	99	227	
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Rel. Hum.		759				220		<del>1 1</del>	<u>• ()</u>	5.7	17	_ 58; _ 58;		± 0	-	± 32 F	≥ 67		≥ 73 F	- 80 F	+ 93	F -	Total
Dry Bulb						1360		21	싓	5.7	101				-+			• • • •		<u> </u>	1	<del></del>	<del>-</del>
Wer Bulb		550 560								7:6		28				0.9		L_		1'	+	- 1 -	

DATA PROCESSING BRANCH USAF STAC PSYCHROMETRIC SUMMARY AIR WEAT IER SERVICE/MAC MCCLELLA AF? CALIF/SACRAMENTO 3000-0213 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 7 - 8 9 - 10 11 - 12 13 - 14 15 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 31 D.B. M.B. Dry Bulb Wer Bulb Dew Poin 5 - 6 64/ 63 • 1 02/ 61 50/ 59 . 1 23 23 58/ 57 56/ 55 97 31 • 0 . 5 Z. U loo 170 115 73 52/ 51 267 127 52/ 49 161 48/ 47 .8 4.9 1.3 244 244 233 155 • : } ' 215 46/ 45 315 280 2.5. 6.2. 1.0 .2 320 44/ 43 1.6 7.4.2.3 363 363 257 . 0 . 0 42/ 41 2.7: 6.8 1.7 357 360 374 325 40/ 39 2.3 7.9 1.5 . 3 374 374 380 369 -1 33/ 37 232 232 341 275 . 1; 30/ 35 .9. 4.4 • 5 178 178 224 304 34/ 33 96 47 92 32/ 31 40 155 .4 .6 30/ 29 1.0 37 54 110 22/ 27 . 2 15 15 46 44 44 24/ 23. - 2 6 22/ 21: 20/ 19 13/ 17: 16/ 15. 14/ 13: 12/ 11: 21 2962 2951 16.560.226.4 4.3 1.7 Ne. Obs. ≥67 F | ≥ 73 F 254960 86.411.594 2951 = 80 F Rel. Hum. 22424544 1 32 F 128819 43.5 6.440 Dry Bulb 5725211 2962 3.6

2952

0.5

93

Mar Bulb

\$244649

4741119

123023

41.7 6.316

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE / TAC MCCLELLA' AFF CALIF/SACRAMENTO EC. 1309-2500 Pin( 1 HOURS IL. S. T. WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 x 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 66/ 63 64/ ¢3 ( 62/ 61 . U Ġ 60/ 59 . 0 58/ 57 27 27 . l . 1 .0 . ປ . 0 . 1 56/ 55 ٠٤ 54/ 53 .1 • 4 37 95 03 .1 1.7 157 u o 90 .y 3.9 L.E 163 120 50/ 49 207 214 . 1 214 48/ 47 211 204 145 .0 46/ 45 2.5 5.1.1.7 29R 298 279 245 287 44/ 43 2. 3 6.3 1.5 311 313 248 334 42/ 41 2.0 6.5 1.6 330 330 185 3.4, 7.0 1.5 306 365 357 344 321 38/ 37 203 260 311 1.0.6.1 36/ 35 275 271 1.0 5.3 241 242 . 5 34/ 33 1.0 3.9 • 1 162 162 207 254 32/ 31 1.0 1.8 98 98 205 156 30/ 29 53 . >: 1 . 2 57 űć 145 29 28/ 27 53 49 .3 31 26/ 25 22 23 62 . 4 21 24/ 23 54 22/ 21 . 1 .0 3 31 3: 20/ 19 17 18/ 17 16/ 15 14/ 13 12/ 11 4/ 1 TOTAL 20.160.514.1 3.4 1.4 3027 2979 Ż979 2979 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 23201648 260894 87.610.890 2979 ± 32 F ±67.F | ≥73.F | ≥80.F ≥ 93 F 5571274 128126 42.3 6.993 3027 93 Dry Bulb 6.8 5057837 121083 40.6 6.767 2979. 10.7 93 Wet Bulb

4624795

Dew Point

115133 38.8 7.668

#### PSYCHŘÓMĚTŘÍC SUMMARY

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMARY** USAF ETAC AIR MEGIMER SERVICE/MAL MCCLELLA - AFI CALIF/SACRAMENTE PASE 1 3603=0010 Hows c.s. t.: WET BULB TEMPERATURE DEPRESSION (F) 5-6 7-8 9-16 11-12 1. 14-15-16-17-18:19-20-21-22-23-24-25-26-27-28-29-30: 31 5.8-W.B. Dry Bulb Wet Bulb Dem Poin 64/ 63 57/ 61 60/ 59 55/ 57 55/ 55 .ā 1.5 13 54/ 53 90 • 2 127 52/ 51 .0 2.5 . t . J 138 95 50/ 49 3.8, 2.0 48/ 47 1.5 4.8 225 234 227 169 <u>253</u> 46/ 45 254 257 44/ 43 2.3 5.5 1.1 237 281 262 251 42/ 41 34 : 291 49/ 39 353 332 334 325 33/ 37 331 351 332 36/ 35 1.4: 5.4: . 3 283 275 251 33 202 202 230 32/ 31 1.1. 2.9! 138 140 107 1.4 28/ 27 .4 .5, 35 30 64 . 5: 26/ 25 27 28 50 24/ 23 • 3 9 17 22/ 21 20/ 19 30 18/ 17 16/ 15 14/ 13 12/ 11: 20.661.713.5 2.7 1.0 13056 3058 No. Obs. 268886 87.910.370 23971542 247 F | 273 F | 280 F | 293 F Rel: Hum. 3058 ± 32 F Dry Belb 5615261 130535 41.6 7.253 3126-93

Wet Bulb

Dew Point

5070087

4644991

122667

116765

40.1 6.993

38.2 7.611

3058

305B

8.8

13.4

DATA PPUCESSING BRANCH USAF ETAC **PSYCHROMETRIC SUMMARY** AIR PEAL-SER SERVIC /MAC MUCLELLA . AFS CALIF/SACRAMENTO STAT CH J900-1100 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 D.B. W.B. Dry Bulb Wet Bult Dew Point 7 - 8 60/ 65 641 53 62/ 61 . i . i 17 607 59 ŠΑ C .0 56/ 57 .3 . 0 99 3) • 1 U 56/ 55 100 57 171 277 54/ 53 .2 2.0 2.3 1.3 143 30 • 0 • ) 7 i 52/ 51 . · 2.6 2.5 1.5 200 د75 154 96 50/ 49 4.2 3.4 1.0 ٠,5 Ū 33? 336 253 144 43/ 47 .7 4.8.3.3 195 342 329 334 46/ 45 1.1 5.0 3.5 . 0 352 354 364 273 44/ 43 32F 330 376 42/ 41 2.1 5.5 2.3 • ŌI 330 333 410 08د 40/ 39 257 258 350 379 39/ 37 . 5 157 1.2 3.0 -2 156 267 323 36/ 35 34/ 33 93 2.0 97 190 281 199 40 å3 • 3. . 3 41 32/ 31 17 127 30/ 29 • 4 16 18 50 36 26/ 25 • Ü . 1 24/ 23 .0 26 22/ 21 20 20/ 19 10 18/ 17 Ü 16/ 15 14/ 13 10/ 9 3/ 41 110.643.127.111.3 4.8 2.0 3083 TOTAL 3154 3083 Element (X) Zx' ZX No. Obs. Mean No. of Hours with Temperature 20632496 248180 80.614.428 3081 Rel. Hom. ±67 F | =73 F | =80 F | ≥93 F 10 F. 1 32 F 6903907 146109 46.3 6.553 3154 Dry Bulb 1.4 43.4 5.939 Wet Bulb 5923852 133896 3083 3.0

0

C

MATA PRICESSING BRANCH USAF ETAC AIR WEATHER SEPVICE/MAC

Dew Point

MCCLELLA AP3 CALIF/SACRAMENTJ

#### **PSYCHROMETRIC SUMMARY**

P424 1

1209-1400

WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B. W.B. Dry Bulb 76/ 75 72/ 71 70/ 69 .0 68/ 67 <u>. l</u> 66/ 65 51 .3 . 1 . l .. 64/ 63 • :) 124 125 62/ 61 177 60/ 59 183 .7 1.3 1.7 1.5 230 230 58/ 57 Эb 56/ 55 1.7 2.1 3.2 2.1 359 379 211 54/ 53 .1 1.3 2.7 3.0 2.5 135 ناه 374 305 292 52/ 51 50/ 49 320 327 185 . 2 2.5 2.9 2.5 1.3 . 2: 247 299 455 48/ 47 . 41 3.01 2.51 Z.11 1.01 .3 3.6 2.1 1.0 239 309 46/ 45 240 205 44/ 43 .5: 4.2: 1.1. 399 352 233 .1 2.7 111 111 303 42/ 41 360 •0 <u>•1</u> 96 199 40/ 39 .7, 1.9 ðò 358 38/ . 8 37 . U • 1 35 35 115 313 36/ 35 34/ 33 į 4 36 .0: . 5. .1 • 1 13 141 .0 32/ 31 103 70 30/ 29 3. 39 28/ 27 30 26/ 25 24/ 23 14 22/ 21 20/ 19 18/ 17 14/ 13 10/ 9 7 8/ Element (X) Mean No. of Hours with Temperature Rel. Hum. . ± 32 F . 267 F 273 F 286 = 293 F Dry Bulb Wet Bulb.

DATA PROCESSING BRANCH **PSYCHROMETRIC SUMMAR'** USAF ET4C AIR WEATHER SERVICE/MAC MCCLELLAN NEW CALIFYSACRAMENTO 1203-1403 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16:17 - 18 19 - 20:21 - 22:23 - 24:25 - 26:27 - 28:29 - 30: - 31 D.B. W.B. Dry Bulb Wet Bulb De- Per 21 -67 -7 TOTAL C 0 Element (X) 16278285 217033 70.218.300 3090 Rel. Hos. 20F ± 32 F "447 F | +73 F | +80 F | +93 F 51.6 6.578

3154

3090

5060

93

93

8539864

6792756

5413110

Dry Bulb

Wet Bulb

Dew Point

162802

143982

46.6 5.207

127746 41.2 7.486

DATA PELCESSING BRANCH USAF ETAC AIR WE'THER SERVICE/MAC

MCCLELLA . ARE CALIF/SACRAMENTO

### **PSYCHROMETRIC SUMMARY**

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lel. Hum.								= O F	: 32 F	≥ 67 F	≠73 F	1 - 80 F	• #3 F	1 :	lete
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2/ 51	.3 3.2 3.6		-4 .2		• 0							356	359	755	1
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67 75	0 1.2 3.4		7 - 10 11 - 12	13 - 14 -1	3 - 15 -1	<u> </u>	. Ü	1 - 22-23	24 23 - 26	21 - 28,47	- 35 - 31	•	-, 50.5		-
Temp. (F)	0 1.2 3.4	3-6 7-8	WET BULB						24 24 24		34 . 31	TOTAL		TOTAL	<u> </u>

PATA FRECESSING BRAVEH USAF LINC **PSYCHROMETRIC SUMMARY** AIR MEATHER SERVIC . / SAC MCCLELLAT AFE CALIFYSACRAMENTO ,F C 1500-1700 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1.2 3.4 5.6 7.8 9.10 11.12.13.14.15.16.17.18.19.20.21.22.23.24.25.26.27.28.29.30 231 D.B. W.B. Dry Bulb Wer Bulb Dew Poin 6/ > 0/ -1 3100 3045 Element (X) No. Obs. Mean No. of Hours with Temperature 16306854 216460 71.118.076 3044 Rel. Hum. ≤ 0 F s 32 F 267 F 273 F 280 F 293 F 159725 51.4 6.349 141859 46.6 5.177 12596 41.4 7.517 Dry Bulb 8338959 3106 -11 93 6692583 93 Wer Bulb 3044 .5 Dew Point 5362905 3045 .0 9.3

DATA PRINCESSING BRANCH USAF LTAG AIR WEATHER SERVICE/MAC

C

Wer Bulb

Dew Point

5889909

51083551

131281

121291

40.8 7.300

#### **PSYCHROMETRIC SUMMARY**

93

43

MCCLELLA AFO CALIF/SACRAMFITE PAGE 1 1800~2000 HOLAS IL. S. T .

WET BULB TEMPERATURE GEPRESSION (F) TOTAL (F) 7 - 8 | 7 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B. W.B. Dry Buib Wet Buib Dew Poin 54 63 .0 5 62/ 61 . ₺ 607 59 . 4 . 2 57 71 18 5 .. 59/ 57 . d. 97 27 11 30 56/ 55 .2 1.3 1.2 141 . 2 • 1 137 50 19 54/ 53 130 106 70 298 52/ 51 .5 4.2 2.9 290 157 100 • 2. • U 50/ 49 427 298 433 142 48/ 47 . 4 4 . 9 3 . 2 . 2 340 349 250 297 46/ 45 <u> 39</u>2 397 390 44/ 43 1.1 0.8 2.5 اڌ . 343 345 431 324 • 1. 386 42/ 41 . 41 295 297 263 40/ 39 • Ol . 1 190 191 327 323 39/ 101 102 220 318 36/ 35 37 37 102 232 34/ 33 166 O. 32/ 31 12 31 37 30/ 29 28/ 27 46 26/ 25 28 24/ 23 3ó 20/ 19 11 16/ 15 13 12/ 11 Ò 101 8/ ? 6/ CCTAL 8.147.425.510.1 4.9 3016 2972 2972 2972 Element (X) Mean No. of Hours with Temperature 80.314.938 19797314 238430 Rel, Hüm, 2971 \* 93 F 47.1 3.856 Dry Bulb 6804332 142162 3016 93

2972

2972

1.8

10:0

DATA PROCESSING BRANCH USAF ETAC AIF \*ENTHER SERVICE/MAC

### **PSYCHROMETRIC SUMMARY**

itmb.						DKE DEPKETIO					_ TOTAL _		TOTAL	
(F)	0 1-2 3-4	5 . 6	7 - 8 9 -	10 11 - 12	13 - 14 15 -	16 17 - 18,19 -	20 21 - 22 23	- 24 25 - 26	.27 - 28,29	- 30 - 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew f
66/ 65		• •									1	1		
64/ 63	<u></u>	1					_				٤,	5		
62/ 51	• 1								*			3	· · · · · · · · · · · · · · · · · · ·	
60/ 59	.1 .2 .4	1.		. 1							2 -	26	10	
98/ 57	.1 .9 .	. 3	. U	٠٤							<u> </u>	5)	24	
56/ 55	1.37	7	• 1	. 2.		.1.					84	85	38	
54/ 53	.4 1.9 1.0	.4	• 2	41					+		128	127	79	1
52/ 51	1. 2.9 1.6	1 4	4	-2:	. 1						193	124	125	
50/ 49	1.2 5.1 2.0	5	.2	.1 .0	,			***************************************		4	251	283	187	1
43/ 47	1.4 5.0, 2.1	ره د پ	, 4	.1 .6	. <u>.</u> .						3.7	307	273	2
46/ 45	1.3 7.7 2.3	• 9,	.4	.1 .1							374	374	327	<u></u>
44/ 43	1.0 7.31 2.7		، غة ،	· (-							39A	395	365	3
42/ 41	2.2 7.2 2.7	. 4	•1		, -;	7	,				372	372	383	
40/ 37	2.5 5.9 1.7		•1,	.2							364	304	394	3
38/ 2	1.1, 3.4 1.1	. 3	• 1,						:		. 175	175	296	Z
36/ 35	.6: 2.5	.1	_ ول	4	l }				-		: 118	lló	177	2
34/ 33	.4 1.6 .5	ii į	:								74	74	115	3
32/ 31	.1 .7	- 1		i			1 1	1		ŧ	25	20	73	ī
307 29	-2: -1] -0	);						3			11	11	43	
28/ 27	.1 .1							,		į	' 7	7	8	
26/ 25	.6 .2										7	8	6	
24/ 23									<u></u>	<u> </u>		*	4	
22/ 21:			1	1		1	! !	÷		j				
20/ 19		<u> i</u>		!				ŧ						
18/ 17:		1 1	1					200						
16/ 15		<b></b>												
14/ 13		1	1									:	,	_
12/ 11		<u> </u>						!	ı		<u> </u>		· ·	
10/ 9			ļ		1	[ ]						1	-	
6/ 5		<b>├</b>												
2/ 1			l			<b>!</b>	1 1					1		
0/ -1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<del>  _ , </del>	A 41 1								1			
TAL	14.155.720.6	2.4	2.3 1	.4 .3	•1	•1]	i	-		- 1		2953		29
	<u> </u>	╁╌╏		<u> </u>				1 .		<u>i</u> _	2948		2948	
lement (X)	Z <sub>X</sub> :		X	X	*x	No. Obs.			,		th Temperatu	,		
Rel. Hum.	21575324		49330		12.868		20F	± 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	T	otal
Dry Bulb ` Wet Bulb `	6005047 5439927		31967		6.036		ļ <u>.</u>	1.6		·	ļ	<del> </del>		
Ret Bulb:	487294		25427		5.925	2948		4.2						
ew Paint.	4X7794	1 T	- 1 / 4 1:3 1		- 7:779人	2049		1 23 - 7.73	<b>.</b>			1	- 1	

DATA PRUCESSING BRANCH USAF ETAC & AIR WEATHER SERVICE/MAC

#### MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23208

STATION

MCCLELLAN AFR CALIF/SACRAMENTU

39-72

HRS 'L ST 1		JAN	fEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	oc:	NOV	DEC	ANNUAL
	MEAN	42.0	45.8	47.9	51.3	55.8	60.9	65.3	64.0	63.0	36.5	45.9	43.5	53.9
05-02	S D	6.788	5.867	5.099	5.434	5.378	6.205	5.581	5.354	5.786	5.502	6.034	A.440	9.912
	TOTAL OBS	2865	2675	2967	2865	5966	2813	2962	2970	2786	2973	2874	2952	34678
	:													
	MEAN	40.7	44.1	45.7	48.8	53.3	58.2	01.9	61.5	59.9	53.9	46.9	42.3	51.5
03-05	SD ;	7.265	6.294	5.392	5.189	4.902	5.345	4.925	4.701	5.328	5.355	6.393	6.993	
	TOTAL OBS	2925	2688	2960	2864	2958	2871	3019	3032	2848	3054	2931	3027	35150
	MEAN	40.3	(3.7	46.5	51.7	58.1	63.7	66.4	64.7	61.9	54.6	46.4	41.8	53.3
06-08	. SD	7.619	6.528	5.716.	5.856	6.228	6.854	6.097	5.613	5.216	5.976	6.626	7.253	11.177
	TOTAL OBS	3027	2755	3030	2922	3023	2898	3045	3067	2871	3064	3005	3126	35829
	MEAN	45.0	50.6	55.5	61.5	68.4	74.9	79.1	77.4	74.8	66.3	54.7	45.3	62.8
09-11	S D	6.730											6.553	13.735
	TOTAL OBS	3047										3026		35985
					,		ś							
	MEAN	50.8	56.8	61.7	68.0	75.6	83.4	89.7	87.9	84.3	74.4	61.6	51.6	70.4
12-14	S D	6.210	5.758	6.953	8.674	8.955	9.044	6.357	7.051	7.971	7.988	7.065	6.578	15.400
	TOTAL OBS												3154	36012
										_				
	MEAN	51.3	57,7	62.8	69.3	77.2	85.6	92.8	90. 9	86.2	74.7	61.0	51.4	71.8
15-17	S D	6.143	5.978	7.623	9.631	9.704	9.637	6.937	7.420	8.415	8.638	7.257	6.349	16.455
	TOTAL OBS	3016	2745	3024	2919	3024	2907	3047	3051	2873	3057	2992		35761
							3							
	MEAN	46.7	52.1	56.4	62.3	69.1	77.2	83.2	80.7	76.0	65.9	54.8	47.1	£4.4
18-20	S D	5.820	5.373	6.522	8,590					8.367	7.085	6.058	5.856	14.711
	TOTAL OBS		2687		2861							2934		35142
							i					,		
	MEAN	43.9	48.3	51.1	55.2	60.1	66.1	70.7	69.6	67.2	59.8	51.1	44.7	57.4
21-23	S D	6.289	5.348	5.319	6.270					6.618	5.803	5.716	5.036	11.128
	TOTAL OBS						2814		2969			2872		34656
												1		
	MEAN	45.1	49.9	53.5	58.6	64.8	71.3	76.2	74.8	71.7	63.3	53.2	46.1	60.7
ALL HOURS	S D												7.447	
nouk3	TOTAL OBS	23698	21787	24023	23198	23999	22976	24156	24234	22751	24233	23660	24498	283213

DATA PROCESSING PRANCH USAF ETAC AIR WEATHER SERVICE/MAC

#### MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG E LEON HOMKLY URSERVATIONS

23208 HCCLELLAN AFF CALIF/SACRAGENTO

34-72

HRS ILST: FEB MAR AUS 001 JAN MAY NUL SEP DEC APR JUL NOV ANNUAL MEAN 40.4 43.5 44.3 47.6 51.0 57.2 57.1 49.3 54.5 51.2 35.6 46.0 41.7 6.722 5.943 5.069 4.980 4.130 3.859 3.013 2.844 3.796 5.116 6.030 5.316: S D 7.019 2913 JOTAL OBS 2850 2602 2865 2966 2813 2962 2970 2779 2966 34508 39.3 42.1 43.1 45.8 49.5 53.1 55.6 55.5 54.0 49.5 44.5 47.8 7.168 6.317 5.370 4.989 4.114 3.667 2.806 2.679 3.996 5.325 6.420 6.767 5 D 7.664 2599 2967 2365 TOTAL OES 2955 2071 3019 2923 3032 2840 3013 34835 38.7 41.6 43.5 47.5 52.1 55.8 57.9 57.7 55.0 49.9 44.0 40.1 7.495 6.531 5.451.4.976 4.239 3.915 3.208 2.963 4.202 5.42° 6.572 6.993 MEAN 48.7 80-60 \$ D 8.542 2917 2975. 2922 2898 3046 3023 3057 2998 2663 3065 35487 TOTAL OBS 2865 45.4 MEAN 42.2 48.9 52.6 56.7 60.61 63.3 62.6 60.5 55.8 49.2 53.6 09-11 6.473 5.317 4.687 4.887 4.507 4.166 3.212 3.021 3.679 4.575 5.333 5.939 S D 8.563 TOTAL OBS 2941 2698 3004 2953 3051 2898 3040 3051 3060 2861 35664 49.8 51.8 59.3 66.7 66.1 58.7 45.8 55.2 63.4 52.5 MEAN 63.6 56.7 5.585 4.875 4.854 5.300. 4.825 4.402 3.144, 3.081 3.656. 4.496 4.670 5.207 S D 8.436 TOTAL OBS 2697 2949 2902 3005 3058 3054 3055 2974 3056 3025 35710 MEAN 46.3 50.3 52.1 55.5 59.5 63.5 66.8 66.1 63.7 58.6 52.3 56.8 5.524 4.937 5.032 5.446 4.934 4.475 3.190 3.234 3.778 4.633 4.843 5.177 S D 15-17 8.429 TOTAL OBS 2661 2973 2919 3024 2907 3047 3050 2873 3057 2992 35470 47.6 49.6 53.1 57.0 61.1 64.2 63.2 60.6 55.5 49.5 44.2 5.212 5.039 5.526 4.931 4.728 3.604 3.527 4.102 4.789 5.259 5.531 MEAN 54.2 8,495 S D 5.862 TOTAL OBS 3024 2845 3021 2934 46.9 50.0 4.901 5.178 59.7 59.4 57.5 52.8 47.4 42.5 3.379 3.197 3.972 4.951 5.562 5.925 MEAN 41.9 45.2 53.4 57.0 51.2 4.435 4.325 5 D 6.321 5.500 7.849 21-23 TOTAL OBS 2959 2851 2608 2911 2865 2965 2969 34510 42.3 45.8 47.6 50.9 54.8 58.5 61.5 60.9 58.8 54.0 48.2 43.2 6.951 6.409 6.054 6.216 5.771 5.656 5.233 4.955 5.306 6.024 6.404 6.446 52.3 SO 8.866 HOURS 23133 21136 23600 23199 23995 22976 24157 24225 22724 24195 281100

USAFETAC FORM D.89.5 (OLI)

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DATA PROCESSING BRANCH USAF ETAC AIR REATHER SERVICE AC

HCCLELLAN AFR CALIF/SACRAHERTO

23208

#### **MEANS AND STANDARD DEVIATIONS**

DEN-POINT TEMPERATURES DEG F FROM HOUFLY POSEPVATIONS

57 A 7 : ON			SIA:	ON MAME						TEARS				
HRS (L S T		JAN	FEB	MAR	APR	MAY	אטנ	JUL	AUG	SEP	OCT	NOV	DEC 3	ANNUAL
	MEAN	36.3	40.9	41.4	44.0	46.7	49.3	51.1	51.4	49.6	46.0	42.B	39.5	45.
00-02	5 D	7.801	7.258	0.454	6.115	5.080	4,441	3.843	3.821	5.738	7.859	7.729	7,443	7.67
	TOTAL OBS	2850	2602	2913	2865	2906	Z×13	2962	2970	2780	2966	2869	2951	3450
	MÉAN	37.4	39.8	40.3	42.8	46.0	48.8	50.6	50.9	48.9	45.7	41.9	38.6	44.
03-05	5 D ;	8.124	7.432	6.308	6.002	4.998	4.427	3.794	3.811	5.905	7,509	7.787	7.568	7.53
	TOTAL OBS	2851	2599	2906	2804	2055	2871	3019	3037	2639	3013	2923	2919	3485
	MEAN	36.9	39.4	40.3	43.4	46.9	49.7	51.7	51.7	49.2	45.3	41.3	38.2	44.
06-08	\$ D	8.370	7.610	6.528	5.985	4.964	4.552	3.629	3.729	5.916	7.598	7.80?	7.811	8.18
	TOTAL OES	2917	2663	2975	2'922	3023	2898	3046	3065	2864	3057	2998	3058	3548
	MEAN	39.0	41.9	42.4	44.7	47,4	50.4	53.1	52.8	50.1	46.8	43.7	40.2	46.
09-11	SD	7.917	7.297	6.854	6.776	6.034	. 5.359	3.888	3.945	6.103	7.976	7.626	7.211	8.01
	TOTAL OBS	2941	2696	3004	2953	3051	2898	3640	3050	2661	3060:	3024	3083	3560
	MEAN	40.3	42.8	42.3	44.0	46.5	49.6	52.5	52.3	49.2	46.2	44.0	41.2	45.
12-14	S D	8.079	7.780	7.794	7.878	7.288	6.508	5.072	4.922	6.639	8.591	8.002	7.486	8.28
	TOTAL OBS	2945	2697	1005	2949	3058	2902	3054	3055	2874	3053	3026	3090	3571
	MEAN	40.8	42.9	41.8	43.4	45.5	47.9	49.9	49.7	47.7	45.5	44.0	41.4	45.
15-17	S D	7.981	7.871	8.116	8.193	7.999	7,375	6.335	6.066	7.046	8.767	8.191	7.527	8.24
	TOTAL OBS	2923	2661	2973	2919	3024	2907	3047	3050	2873	3057	2992	3045	3547
<del>, , , , , , , , , , , , , , , , , , , </del>	MEAN	40.4	43,1	42.9	44.9	47.4	49.6	51.8	51.3	49.4	46.5	44.2	40.8	46.
18-20	SD	7.606	7.150	7.012	7.447	6.792	6.513	5.389	5.306	6.577	8.216	7.926	7.300	7.93
	TOTAL OBS	2854	2608	2912	2861	2959	2873	3024	3033	2845	3021	2934	2972	3489
	MEAN	39.4	42.0	42.5	45.2	47.8	50.1	52.1	52.2	50.1	46.5	43.5	40.0	46.
21-23			7.117	6.549	6.454	5,277					7.982	7.650	7.296	7.70
	TOTAL OBS	2851	2608	2911	2865	2959	2814	2965	<b>296</b> 9	2787	2965	2868	2948	3451
	MEAN	39.1	41.6	41.7	44.0	46,8	49.4	51.6	51.3	49.3	46.0	43.2	40.C	45.
ALL	SD	8.056	7.564											8.01

39-72

DATA PROCESSING BRANCH ETAC/USAF AIR MEATHER SERVIC-/MAC

#### **RELATIVE HUMIDITY**

MCCLELLA', 4F2 CALIF/SACRAMENTS
STATION MAME 23207 STATION

39-72

ALL

#### **CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE** (FROM HOURLY OBSERVATIONS)

MONTH	HOURS		-	PERCENTAG	E FREQUENC	Y OF RELATIVE	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONIH	(LST)	10%	20%	30%	40%	50%	60%	70%	80	90%	RELATIVE HUMIDITY	NO OF CBS
JAH	ALL	176.0	100.0	99.5	98.0	94.7	88.7	78.4	62.1	33.0	81.7	23127
F£%		120.0	99.9	99.0	96.0	00.0	80.3	06.5	45.2	19.9	75.5	21133
944		100.0	99.4	96.5	89.9	79.0	66.2	50.4	(9.3	8.6	67.7	23597
APR		130.0	98,3	92.1	33.2	71.4	57.3	41.8	21.8	5.0	52.7	23195
НДҮ		150.0	96.2	87.0	75.3	60.9	46.0	30.7	13.6	2.6	56.9	23995
JUF!		99.8	93.4	81.5	66.2	49.9	34.8	20.3	7.0	.5	51.0	22976
JUL		99.8	92.4	76.6	58.8	42.1	26.2	13.5	4.5	.2	47.0	24152
AUÇ		99.9	93.5	78.4	62.3	46.2	30.5	17.0	6.7	.5	49.1	24224
SEP		99.9	93.0	79.3	63.4	47.1	32.5	19.9	9.1	1.4	50.1	22721
OCT		100.0	96.8	87.4	75.1	61.2	46.4	33.0	10.1	5.9	59.2	24193
עטא		100.0	99.5	96.7	91.3	83.2	73.0	60.1	42.0	17.5	72.1	23632
DEC		100.0	99.8	99.2	97.6	94.1	88.3	79.1	02.7	31.5	61.1	24122
TO	TALS	100.0	96.9	89.5	79.8	68.4	55.9	42.6	27.1	10.6	62.7	281068

USAFÉTAC

0-87-5 (OL A)

DATA PROCESSING BRANCH FTAC/USAF AIR WEATHER SEPVICE/MAC

#### **RELATIVE HUMIDITY**

23206 4CCLELLA'S AFB CALIF/SACRAMENTU

40,42-72

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	E FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	; (LST)	10%	20%	30%	40%	50≒	60%	70%	80%	90°→	RELATIVE : HUMIDITY	NO OF OBS
JAN	00-62	100.0	100.0	99.9	99.4	93.8	97.4	92.5	97.0	45.2	37.3	2850
	03-05	100.0	100.0	99.9	99.8	99.0	97.7	04.6	34.2	51.8	89.6	2851
	00-08	150.0	100.0	100.0	99.9	99.2	98.0	94.0	84.9	51.9	89.4	2915
	09-11	100.0	100.0	99.6	98.6	96.6	91.5	79.5	57.6	25.0	81.0	2939
	12-14	100.0	99.8	98.6	94.1	85.0	69.5	49.6	31.1	12.2	69.5	2945
	15-17	100.0	99.9	98.7	93.8	94.0	69.4	51.5	32.1	11.1	69.6	2923
	18-20	100.0	100.0	99.6	98.7	90.6	90.3	77.4	55.5	25.0	80.1	2854
	21-23	100.0	100.0	99.8	99.4	98.7	95.9	88.7	71.3	37.3	84.9	2850
		-		-				ļ		<u> </u>		
tc	DTALS	100.0	100.0	99.5	98.0	94.7	88.7	78.4	c2.1	33.0	81.2	23127

USAFETAC MAN 0-87-5 (OL-A)

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DATA PROCESSING BRANCH ETAC/USAF AIR MEATHER SERVICE/MAC

### **RELATIVE HUMIDITY**

MCCLELLA: AFE CALIF/SACRAMENTO STATION NAME 23208 STATION

40,42-72

 $F \in \mathfrak{B}$ 

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN	1		MEAN TELATIVE	TOTAL
HINOM	(LST)	10%	20%	30%	40%	50%	60%	; 70%	80%	90%	. HUMIDITY	NO OF C45.
FEE	00-02	170.0	100.0	100.0	99.6	98.3	95.1	٩٥.5	69.0	34.2	34.1	2602
	03-05	100.0	100.0	100.0	99.9	99.1	96.4	91.0	74.6	38.4	85.9	2599
	90-08	100.0	100.0	100.0	100.0	99.0	96,7	90.4	74.4	37.3	55.7	2662
	09-11	100.0	100.0	99.5	96.7	91.8	81.3	50.6	34.6	13.6	73.7	2597
	12-14	100.0	99.7	90.4	89.6	74.5	53.4	31.9	15.7	3.6	62.0	2597
	13-17	100.0	99.7	95.9	86.1	69.5	48.9	29.2	14,0	3.5	60.2	2567
	15-20	100.0	100.0	39.8	97.8	91.3	78.9	60.9	33.1	9.8	72.7	8038
	21-23	100.0	100.0	99.9	29.2	76.7	92.0	79.3	>3.6	20.2	80.0	2608
			desire springle desire				***					
		-									-	
-		<del> </del>	-	+	<del> </del>		-	<del> </del>	-			
IĈ	TALS	E.00 (	99.9	99.0	96.0	90.0	80.3	56.5	45.2	19.9	75.5	21133

0-87-5 (OL A)

DATA PROCESSING BRANCH ETAC/USAF AIR MEATHER SERVICE/MAC

#### RELATIVE HUMIDITY

232GR STATION MCCLELLAN AFE CALIF/SACRAMENTU STATION HAME

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# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

нтиом	HOURS			PERCENTAC	E FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MUNIA	(L\$T)	10%	20%	30%	40%	50%	60%	70%	80%	90%	- RELATIVE HUMIDITY	NO OF
1AR	00-02	130.0	100.0	100.0	y9.0	97.4	92.9	79.2	: 3.2	14.0	79.1	2913
	03-05	100.0	100.0	100.0	99.7	98.6	95.9	25.9	62.3	: 22.0	\$2.1	2905
	06-08	100.0	100.0	100.0	99.4	97.6	93.0	80.5	34.2	10.5	80.0	2975
	09-11	100.0	99.7	97.7	92.1	79.2	59.9	34.5	12.4	2.9	63.4	3004
	12-14	100.0	98.2	90.0	74.3	51.5	26.2	13.0	6.7	1.8	51.7	3005
	15-17	100.0	97.5	86.4	65.9	42.8	23.2	13.3	7.2	2.0	49.3	2973
	18-20	100.0	99.9	98.2	90.5	75.7	55.8	33.0	13.5	3.2	62.6	2911
<del></del>	21-23	130.0	100.0	99.7	98.1	94.1	82.9	64.1	32.0	7.4	73.6	2910
	THE RESERVE THE PROPERTY OF TH			•-								
10	TOTALS 100.0 99.4				89.9	70,	66.2	50.4	29.8	8.8	67.7	23597

DATA PRUCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

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#### **RELATIVE HUMIDITY**

23201 MCCLELLA AFB CALIF/SACPAMENTS

40-72

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE** (FROM HOURLY OBSERVATIONS)

	KOUKS			PERCENTAC	SE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN	1		MEAN	TOTAL
нтиом	(L5%)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE : HUMIDITY	NO OF C&S.
Vbp	00-02	100.0	100.0	99.8	99.1	60.0	90.5	75.2	42.9	8.6	76.3	2305
	05-د	150.0	100.0	99.9	99.5	96.7	94.2	84.0	54.8	15.8	80.5	2304
	06-08	100.0	100.0	99.8	99.5	94.7	86.3	67.6	34.4	6.0	74.6	2921
	09-11	100.0	59.4	94.7	34.9	65.7	38.9	16.5	4.0	.6	56.1	2952
	12-14	100.0	95.7	80.2	58.1	33.0	15.3	7.6	3.3	.9	44.8	2949
	15-17	\$9.9	92.4	71.2	49.0	29.7	15.2	3.6	4.3	1.0	42,7	2919
	18-20	100.0	98.8	91.2	79.4	61.4	40.3	21.7	8.6	2.7	56.0	2861
	21-23	100.0	100.0	99.6	97.2	90.9	77.4	54.1	23.4	3.6	70.3	2865
TC	OTALS	100.0	98.3	92.1	83.2	71.4	57.3	41.8	21.8	5.0	62.7	23196

USAFETAC 0-87-5 (OL A) DATA PROCESSING BRANCH ETAC/USAF AIR HEATHER SERVICE/MAG

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### RELATIVE HUMIDITY

2320' MCCLELLAN AFE CALIF/SACRAMENTU

40-72

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	E FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	- RELATIVE - HUMIDITY	NO OF OBS
YAY	00-02	120.6	.100.0	ر.99	98.4	93.9	83.3	62.1	28.5	4.7	72.8	2906
	03-05	100.0	100.0	99.9	99.2	96.9	89.3	75.6	42.1	9.3	77.1	2955
	05-08	1 יס.0	100.0	99.3	95.5	88.3	73.5	47.1	15.0	2.3	67.9	3023
	09-11	100.0	98.7	90.2	73.9	46.4	18.8	6.4	2.2	•0	49.3	3051
	12-14	99.9	91.4	69.7	39.8	15.7	6.4	3.5	1.5	.3	38.3	3058
	15-17	99.7	84.0	58.2	31.3	14.7	6.6	3.6	2.0	.7	35.6	3024
	18-20	100.0	95.5	84.0	68.6	47.5	24.R	9.9	3.5	1.0	49.1	2959
<u> </u>	21-23	150.0	100.0	99.4	95.2	83.4	65.0	37.7	12.7	2.0	65.2	2959
											And the same of th	
			New Holes of the State of the S	<u> </u>	<u> </u>	-						
10	DTALS	100.0	96.2	87.6	75.3	50.9	46.0	30.7	13.6	2.6	56.9	23995

USAFETAC FORM 0-87-5 (DL A)

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

#### **RELATIVE HUMIDITY**

23208 MCCLELLA - 465 CALIF/SACRAMENTU
STATION NAME

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HONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS	ī		PERCENTA	SE FREQUENC	Y OF RELATIV	E HUMIDITY C	REATER THAN			MEAN	TOTAL
MONIH	(LST)	10%	20%	30∿	40%	50%	60%	70≒	80%	90≒	HUMIDITY	NO OF OBS
1011	00-02	100.0	99.9	99.3	96.4	86.7	69.0	45.9	15.5	1.1	67.2	2513
	03-05	100.0	100.0	99.8	98.4	92.4	80.6	60.9	20.3	1 3.C	72.2	2871
	05-05	100.0	99.8	97.8	91.8	79.5	59.4	29.7	5.7	.5	62.2	2895
	09-11	100.0	97.2	84.7	01.5	31.9	9.4	1.8	.7	.2	44.2	2898
	12-14	99.8	36.7	56.1	23.3	5.4	2.1	1.0	.4	.0	33.1	2902
	15-17	98.9	73.9	43.4	17.2	4.6	1.7	.6	.4	.0	29.5	2907
	10-20	99.7	90.2	74.1	52.0	27.3	9.9	2.7	.7	.1	41.1	2873
	21-23	100.0	99.6	97.1	89.1	70.4	46.1	19.5	4.3	•2	58.2	2514
											-	
TO	TALS	99.8	93.4	81.5	66.2	49.9	34.8	20.3	7.4	•6	51.0	22976

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0-87-5 (OL A)

DATA PROCESSING BRANCH FTAC/USAF AIP MEATHER SERVICE/MAC

### **RELATIVE HUMIDITY**

MCCLELLA'. AFO CALIF/SACRAMENTA 2320°

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENC	Y OF RELATIVE	E HUMIDITY G	REATER THAN			mean Relative	TOTAL NO OF
MONTH	(LST)	10%	20%	30%	40%	50**	60 -	70%	80%	90%	HUMOTTY	OSS
Jul	00-62	120.0	100.0	79.4	93.5	77.3	52.6	20.9	3.4	.4	61.5	2902
	03-05	1130.0	100.0	99.8	97.1	87.5	69.4	47.9	¿1.4	1.1	20.n	3018
	80-00	130.0	0.001	99.0	92.4	76.9	52.7	73.7	4.9	.1	00.6	3045
	09-11	100.0	98.6	34.8	55.9	22.5	4.0	.2	-		42.1	3039
	12-14	99.8	56.0	43.4	۵.2	1.1	.2	.1	.1		29.4	3074
	15-17	98.8	65.3	22.5	3.3	.6	.2	.1	.1	• t'	24.6	3046
	15-20	99.7	89.0	56.2	35.4	12.5	2.8	.4	.1	-1	35.2	3023
	21-23	100.0	100.0	97.7	84.8	58.5	27.6	3.6	1.2	Parties of the Control of the Contro	53.3	2965
										Handalan		
					-		Barriero Estratorio	* F.				A SERVICE OF THE SERV
TO	OTALS	99.8	92.4	76.6	58,8	42.1	26.2	13.5	4.5	.2	47.0	24152

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SCRVICE/MAC

### **RELATIVE HUMIDITY**

FOSES MCCLELLA + AFB CALIF/SACRAMENT'S

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MARKET STREET

# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MON:	HOURS	1		PERCENTAC	SE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
	(LST)	10%	20%	30%	40%	50%	60%	70%	30%	90%	- RELATIVE HUMIDITY	NO OF
QUA	20-05	100.0	100.0	99.3	94.8	30.4	56.9	32.7	12.7	.7	03.4	2970
	03-05	130.0	100.0	99.7	97.1	88.7	73.C	51.0	25.5	2.2	69.6	3032
	05-08	100.0	100.0	99.2	94.4	82.6	63.3	74.3	11.2	.6	54.3	3065
	C9-11	100.0	98.7	86.1	62.1	30.9	8.1	.9	.2		44.2	3050
	) .4	99.9	88.6	48.2	15.0	2.4	.4	.2	• l		31.0	3055
	15-17	99.1	69.4	27.7	7.1	1.5	.4	.2	• 2		26.0	3050
	14-20	17.9	91.6	69.4	41.5	19.8	6.3	1.4	.3	.1	38.5	3033
	21-23	106.0	99.8	97.7	86.6	63.6	35.6	14.3	7,0	•2	55.6	2969
							<del> </del>					
	1											
ĩO	TALS	99.9	93.5	78.4	62.3	46.2	30.5	17.0	6.7	.5	49.1	24224

0-81-5 (OL-A)

DATA PROCESSING BRANCH ETAC/USAF : IP WEATHER SERVICE/MAC

### **RELATIVE HUMIDITY**

2370A MCCLELLAS. AFE CALIF/SACRAMENTU

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## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	1		PERCENTAG	E FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL NO OF
нтиом	(L S.T)	10%	20%	30%	40%	50%	60%	, 70%	80%	90•,	RELATIVE	OBS
SEP	00-02	120.0	99.8	98.7	91.4	76.3	57.5	37.8	15.7	2.0	03.5	277
	03-05	100.0	99.9	99.5	95.4	84.7	67.7	50.0	23.1	4.9	58.9	6642
	00-08	100.0	99.9	98.7	91.8	73.4	62.6	41.7	18.9	2.5	55.2	2864
	09-11	100.0	96.7	79.4	58.9	36.0	1,3.8	3.5	1.4	.5	44.5	2801
	12-14	99.8	82.2	51.0	21.9	5.3	1.8	1.1	.7	.2	31.8	2874
	15-17	99.5	71.0	37.2	15.1	4	1.6	1.1	• 4		28.6	2473
	16-20	100.0	95.1	73.5	49.5	29.4	13.3	4.0	1.3	.4	42.3	2345
	21-23	100.0	99,7	96.6	82.3	62.8	41.3	20.2	5.7	.9	56.5	2787
_	<del> </del>	-										<del> </del> -
								<u> </u>				
TC	TALS	99.9	93.0	79.3	63.4	47.1	32.5	19.9	9.1	1.4	50-1	22721

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DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

#### **RELATIVE HUMIDITY**

HCCLEULA: AFR CALIF/SACKAMENTU EDSES NOITAIS

40-72

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# CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAC	SE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATE" THAN	l		MEAN	TOTAL
MUNIA	(LST)	10%	20%	30.	40%	50%	60%	70%	80%	90%	RELATIVE , HUMIDITY	NO OF
JCT	00-02	1.00.0	99.9	99.2	94.7	84.4	68.0	52.4	32.4	9.4	69.7	2765
	03-05	1.00.0	100.0	99.7	97.5	91.0	79.1	63.0	41.0	14.5	74.3	3013
	00-08	100.0	100.0	99.4	95.8	87.4	70.7	(.0.8	36.9	11.9	72.4	3057
	09-11	100.0	98.5	86.9	70.6	54.0	34.4	16.6	5.3	1.9	52.6	3060
	12-14	79.9	89.9	66.2	43.5	24.2	10.7	5.4	3.0	1.1	39,9	3056
	15-17	99.9	27.5	61.4	39.1	23.0	12.3	0.4	3.8	1.0	39.0	3056
	18-20	100.0	8.8?	88.4	10.2	51.4	33.5	18.9	3.4	2.4	52.9	3020
	21-23	100.0	99.7	97.9	89.4	73.9	56.3	40.6	د٥.4	4.9	64.0	2965
<u></u>												
TO	DTALS	100.0	96.8	87.4	75.1	61.2	46,4	33.0	19.1	5.9	58.2	24193

USAFETAC 0-87-5 (OL A)

DATA PROCESSING BRANCH ETAC/USAF ATP WEATHER SERVICE / IAC

#### RELATIVE HUMIDITY

232Um HCC.FLLAN AFA CALIF/SACRAMENTO 19=72

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
HINOM	((51)	10*•	20%	30∿	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO OF OBS
NOV	00-02	100.0	100.0	99.7	98.5	95.3	89.3	79.4	00.0	26.0	80.8	2369
	05-د	10.0	100.0	99.9	99.2	07.2	92.9	04.9	64.3	34.5	33.5	2922
	06-08	100.0	100.0	99.9	99.3	97.7	93.1	85.1	07.1	32.7	83.3	2798
	09-11	100.0	99.8	97.7	91.4	82.8	69.7	52.2	29.4	19.0	58.9	3024
	12-14	100.c	99.3	89.2	75.7	58.6	40.1	24.6	13.2	3.6	55.9	3025
	15-17	100.0	98.0	89.5	77.2	60.3	43.6	28.3	15.3	4.1	57.3	2992
	16-20	100.0	99.9	97.9	91.8	82.9	70.9	54.1	33.1	10.0	69.8	2934
	21-23	100.0	100.0	99.5	96.9	91.1	84.2	72.2	48.9	18.2	77.0	2968
		1										
							<u> </u>	<u> </u>			-	
TC	TALS	100.0	99.5	96.7	91.3	83.2	73.0	60.1	42.0	17.5	72.1	23632

USAFETAC 0-87-5 (OL A)

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DATA PROCESSING BRANCH ETAC/USAF AIR MEATHER SERVICE/MAG

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#### **RELATIVE HUMIDITY**

232CR STATION STATION STATION

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	,		PERCENTAC	SE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN	1		MEAN	TOTAL
MONTH	(LST)	10%	20%	30%	40%	' 50%	60%	70%	80	90*•	HUMIDITY	NO OF OBS
DEC	20-02	100.0	100.0	99.7	99.4	03.3	95.4	-1.4	77.	42.5	1 85.4	2751
	03-05	160.0	100.0	99.8	99.5	98.8	96.6	92.7	131.7	40.3	37.5	2979
	80-00	1 10.0	100.0	99.9	99.7	98.5	97.4	93.7	1 2 3 4 7	47,,	ō7.9	3:158
	09-11	100.0	99.8	99.4	98.4	95.8	90.2	78.1	57.7	27.1	30.6	3-)81
	12-14	99.9	99.2	97.8	93.3	83.8	70.5	53.6	34.3	13.0	70.2	3070
	15-17	100.0	99.	97.9	93.2	35.6	72.6	56.4	36.1	12.8	71.1	3044
	19-20	100.0	99.8	99.2	97.8	94.5	89.1	78.7	59.8	25.7	80.3	2971
<del>-</del>	21-23	100.0	99.9	99.6	99.1	97.0	94.2	88.0	71.9	37.0	84.6	2948
							<b> </b>					
īC	) DTALS	150.0	99.8	79.2	97.5	94.1	88.3	79.1	62.7	31.5	81.1	24122

USAFETAC FORM 0-87-5 (OL A)

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

#### PART F

#### PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

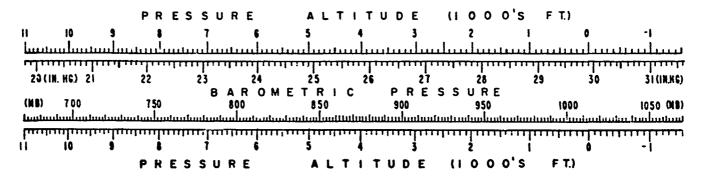
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

- 1. Station pressure is presented in the table in inches of mercury.
- 2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to press\_realtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

#### **MEANS AND STANDARD DEVIATIONS**

STATION PRESSURE IN INCHES HE FROM MUMBLY UBSERVATIONS

23208

HCCLELLAN AFR CALIF/SACRAMENTU

46-63,65-74

HRS ILS I		JAN	FEB	MAR	APR	MAY	JUN	<b>JOF</b>	AUG	SEP	OC1	NOV	DEC	ANNUAL
	MEAN									_	29.8982	9.796	30.047	
<u> </u>	s o	.176			.120	.109	.095	.074	.076	.087	.106	.146	.170	.162
	TOTAL OBS	771	760	<u>770</u>	742	771	727	772	805	778	806	778	803	9223
	MEAN	30.049	30,010	29.960	29.913	29.854	29.798	29.790	29.797	29.796	29.8982	9.995	0.046	29.909
<b>74</b>	\$ D	.179	.169	.147	.120	.107	.094	.074	.075	.086	.106	.148	.172	.101
	TOTAL OBS	770	698	767	742	709	727	767	804	779	302	777	301	9262
	MEAN	30.060	30.023	29.982	29.942	29.883	9.827	29.825	29.832	29.828	29.9233	10-0133	0-057	29.933
07	S D	.180			.124							.148	.174	
	TOTAL OBS	771	700						_			777	804	
	MEAN	30.096	30.050	30.004	29.958	29.890	9.831	29.832	29.844	29.844	29.943	0-0413	10-091	29.952
10	S D	.178		.151							.110			₹ .
	TOTAL OBS					770								
	MEAN	30.049	30-015	29.971	29.928	138.09	208.25	b9.805	29.812	29 - 806	29.8982	9.994	10.042	29.915
13	S D	.174	149			.111		.073	. 076	- NAR	110	147	.173	159
	TOTAL OBS			772		771	_					775.	804	7207
	MEAN	30-023	29-980	29.930	29_BB3	9-818	9-763	29.756	29.761	29.757	29.8602	9.946	10-020	29.870
16	SD	-109		.144							.109			
	TOTAL OBS	766	, •									767		
	MEAN	30-032	29.984	29.931	29-877	29.814	29.755	29.746	29.751	29.755	29.867	9.971	0.029	29.876
19	S D										-109			.166
	TOTAL OBS													9204
	MEAN	30.049	30.006	29.959	29.90s	29.848	29.790	29.780	29.785	29.786	29.8952	9-993	0-048	29.903
22	SD	.174										.146	169	-102
	TOTAL OBS											779	799	9208
	MEAN	30.051	30.011	29.963	2 <b>9.</b> 916	29.853	29.795	29 <b>.79</b> 0	29.797	29.796	29.8982	9.996	0.047	29.909
ALL HOURS	\$. D	.176			.124			.079			.111			,
HUUKS	TOTAL OBS									6213	6423	6207	6308	73606

USAFETAC FORM 0.89-5 (OLI)

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. . DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

#### **MEANS AND STANDARD DEVIATIONS**

SEA LEVEL PRESSURE IN HRS FRUM HOURLY UBSERVATIONS

23209 - 5'ATION HCCLELLAN AFP CALIF/SACRAMENTO

39-72

HRS (LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANNUAL
	MEAN	1020.7	1019.2	1017.6	1015.7	1014.2	1012.0	1011.8	1012.0	1011.9	1015.4	1019.7	C20.3	1015.
01	S D	6.059	5.672	4.980	4.151	3.585	3.084	2.477	2.562	2.916	3.592	4.921	<b>5.700</b>	5.42
	TOTAL OBS	957	891	988	954	988	937	988	991	958	992	957	909	1159
	MEAN	1020.6	10),9.0	1017.4)	1015.8	1014.7	1012.2	1012.0	1012.1	1012.1	1015.4	1018.7	1020.1	1015.
04	S D	6.080	5.819	5.037	4.143	3.538	3.044	2.471	2.503	2.363	3.604	4.923	5.932	₹.37
	TOTAL OBS	986	396	984	954	986	967	1015	1022	983	INIR	787	1018	1182
	MEAN	1020.9	1019.4	1015.1	1016.8	1015.1	1013.1	1013.2	1013.3	1013.2	1016.3	1019.4	1020.4	1016.
07	S D	6.076	5.907	5.141	4.250	3.561	3.027	2.444	2.496	2.871	3.672	4.906	5.915	5.25
	TOTAL OBS	× .		1020		1018		1016				1010		
	MEAN	1022.1	1020.4	1018.51	1017.3	1015.3	1013.2	1013.4	1013.7	1013.6	1016.9	1026.3	021.6	1017.
10	s o											4.903		5.45
	TOTAL OSS			1018		1017							1048	1271
	MEAN	1020.4	1019-0	1017.7	1016-3	1014.3	012.3	1012-4	1012.5	1012.3	1015.4	018-6	019.9	1015.
13	S D											4.821		5.30
	TOTAL OBS											1007		1202
	•	L	<del></del>							• • • • • • •				
_	MEAN												1019.2	1014
10	S D TOTAL OBS											4.680		5.4
	TOTAL OBS	1014	923	1019	980	1017	959	1013	1010	984	1CLR	999	1034	119
	MEAN	1020.0	1018.1	1016.4	1014.7	LOLZ.B	010.7	1010.5	1010.5	1010.7	1014,4	1018.0	019.5	1014.
19	\$ D	5.893	5.594	4.923	4.111	3.634	3.130	2.518	2.598	2.969	3.657	4.780	5.774	5.53
	TOTAL OBS	987	899	987	953	985	967	1018	1021	786	1017	988	1013	1132
72	MEAN	1020.6	1018.0	3017.4	1015.7	1014 0	011.9	1011 6	1011.7	1011.6	1015.3	1012 6	020-	1015
	S D											4.883		5.4
	TOTAL OBS											959		115
										l				
	+	1020.6												1015
ALL HOURS	SD											4.907		5.46
	TOTAL OBS	7951	7279	8021	7745	3015	. 7678	2063	8082	7831	3097	7917	8185	9496

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